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IMPROVED MILLIVOLT-TEMPERATURE CONVERSION TABLES FOR COPPER-CON--ETC(U)
DEC 76 P E STALLMAN, K ITAGAKI

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TABLES FOR COPPER-CONSTANTAN THERMOCOUPLES
32 F REFERENCE TEMPERATURE

COLD REGIONS RESEARCH AND ENGINEERING LAB.
HANOVER, NEW HAMPSHIRE

DECEMBER 1976

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Special Report 76-18

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MILLIVOLT-TEMPERATURE CONVERSION TABLES
FOR
COPPER-CONSTANTAN THERMOCOUPLES

32°F Reference Temperature

P.E. Stallman
K. Itagaki



December 1976

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) It is the intent of this report to extend and improve the tables already available (CRREL Special Report 108, G.W. Aitken, 1966). The computational method is described with discussion of error, improved methods, and limitations. The tables are presented in two sections: the first for temperatures in the range -184°C to 0°C, the second for temperatures in the range 0°C to 100°C. The corresponding Fahrenheit temperatures are also included.		

IMPROVED MILLIVOLT-TEMPERATURE CONVERSION TABLES
FOR COPPER-CONSTANTAN THERMOCOUPLES
32° F Reference Temperature

by

P.E. Stallman and K. Itagaki

INTRODUCTION

It is the intent of this report to extend and improve the tables already available (CRREL Special Report 108, G.W. Aitken, 1966). The computational method is described with discussion of error, improved methods, and limitations. The tables are presented in two sections: the first for temperatures in the range -184°C to 0°C, the second for temperatures in the range 0°C to 100°C. The corresponding Fahrenheit temperatures are also included.

PROCEDURE

The relationship of the emf produced by copper-constantan and the temperature is not well represented by a single function. Therefore, for the purpose of generating these tables, two cubic equations with different sets of constants (A_1, B_1, C_1) and (A_2, B_2, C_2) were used. The cubic equation is

$$e = A_i t + B_i t^2 + C_i t^3 \quad (1)$$

where $i = 1, 2$, e = emf in millivolts, and t = temperature in °C.

The constants A_i , B_i and C_i in eq 1 were obtained by using the least squares polynomial curve fit subroutine in the Dartmouth College GE 625 computer.* The input for the fitting function to obtain the constants A_1, B_1, C_1 and A_2, B_2, C_2 was National Bureau of Standards Data (1955) from -190°C to 0°C and 0°C to 100°C respectively. All points given in the NBS tables in these ranges were used for the fits. The constants obtained from these fits were

$$A_1 = 3.84971 \times 10^{-2}$$

$$A_2 = 3.84256 \times 10^{-2}$$

$$B_1 = 4.62204 \times 10^{-5}$$

$$B_2 = 4.72065 \times 10^{-5}$$

$$C_1 = -3.88666 \times 10^{-8}$$

$$C_2 = -3.76875 \times 10^{-8}$$

* This subroutine was written by L.C. Semprebon, Radiophysics Laboratory, Dartmouth College.

These constants were then incorporated into a computer program using the cosine method for the solution of the cubic equation (Weast et al., 1965). Thus, eq 1 is rearranged such that

$$t^3 + \frac{B}{C} t^2 + \frac{A}{C} t - \frac{e}{C} = 0. \quad (2)$$

Define $p = \frac{B}{C}$, $q = \frac{A}{C}$, $r = \frac{-e}{C}$,

let $t = x - \frac{p}{3}$ (3)

then $x^3 + ax + b = 0$ (4)

where $a = \frac{1}{3} (3q - p^2)$ and $b = \frac{1}{27} (2p^3 - 9pq + 27r)$.

For the cosine solution θ is calculated by

$$\cos \theta = \frac{-(2p^3 - 9pq)}{54 \sqrt{\frac{-a^3}{27}}} - \frac{r}{\sqrt{\frac{-a^3}{27}}}. \quad (5)$$

Then the particular solution for x is calculated using

$$x = 2 \sqrt{\frac{-a}{3}} \left(\cos \frac{\theta}{3} + 120^\circ \right). \quad (6)$$

Substituting in eq 3, the temperature in ${}^\circ\text{C}$ is obtained.

DISCUSSION

As mentioned previously, a single function does not represent the emf-temperature relationship very well, and this was the reason for the two different fits. Even by using two fitting equations, there are some points that lie beyond a 0.5-microvolt confidence interval as shown in Figure 1. The main reason for this deviation from the NBS data is the rounding of the NBS values as well as the rounding of these tables to the nearest hundredth of a degree. Further information on rounding and improved methods using second degree Lagrange interpolation is given in the paper by Benedict and Ashby (1962).

The tables given here are limited by the rounding discussed above and the physical limits of error produced by copper-constantan thermocouples.* Considering these limitations, copper-constantan is preferred for work in the area covered by this table, in particular those temperatures below -50°C (Powell et al., 1962).

* ASTM Standards lists the limits of error for copper-constantan thermocouples between -75°F and 200°F as $\pm 1-1/2^\circ\text{F}$ for standard wire and $\pm 3/4^\circ\text{F}$ for special wire. For the range -300°F to -75°F the limits are given for special wire only as $\pm 1\%$ of the temperature measure.

REFERENCES

Aitken, G.W. (1966) Temperature-millivolt conversion tables: copper-constantan thermocouples, 32°F reference temperature. U.S. Army Cold Regions Research and Engineering Laboratory Special Report 108.

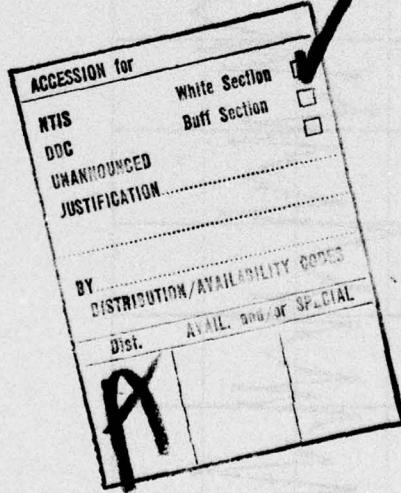
ASTM (1969) Temperature-electromotive force (emf) tables for thermocouples. 1969 Book of ASTM Standards, Part 30, p. 725, American Society for Testing and Materials.

Benedict, R.P. and H.F. Ashby (1962) Improved reference tables for thermocouples. Temperature, its measurement and control in science and industry, Part 2, Vol. 3, p. 51-64, Reinhold Publishing Corporation.

National Bureau of Standards (1955) Reference tables for thermocouples. NBS Circular 561.

Powell, L.R., L.P. Caywood and M.D. Bunch (1962) Low-temperature thermocouples. Temperature, its measurement and control for science and industry, Part 2, Vol. 3, p. 65-77, Reinhold Publishing Corporation.

Weast, R.C., S.M. Selby and C.D. Hodgman (1965) Handbook of chemistry and physics. Forty-sixth Edition, the Chemical Rubber Co.



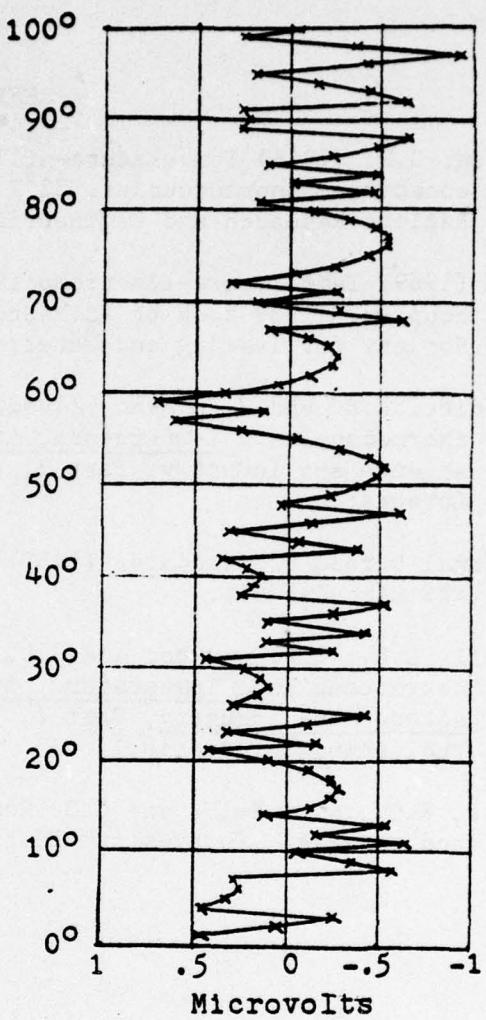
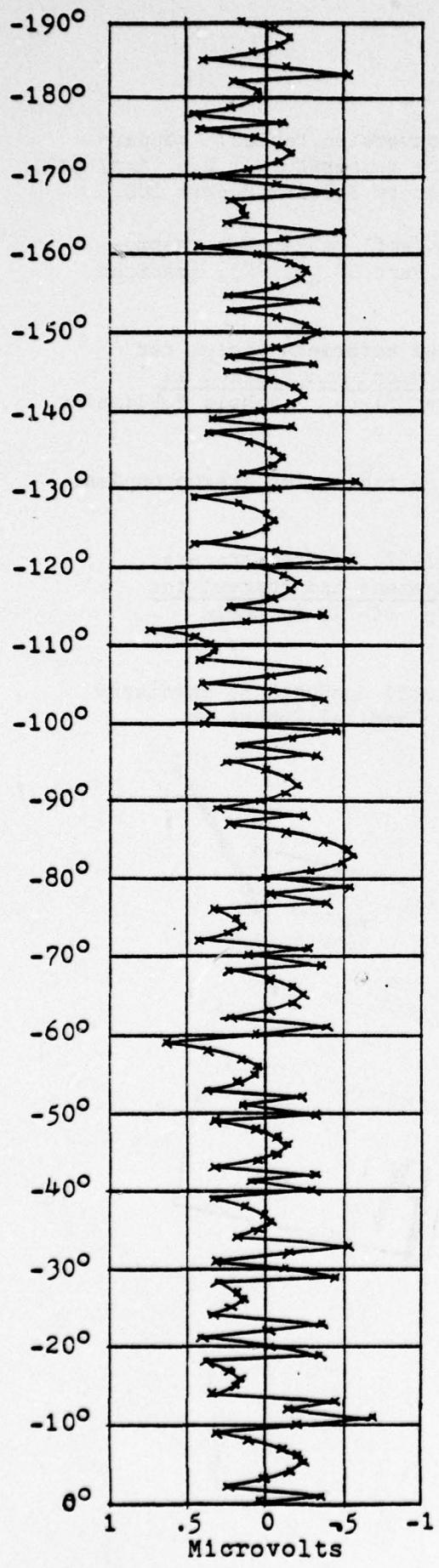


Figure 1. Deviations of fitted curves from National Bureau of Standards data.

SECTION I

MILLIVOLT-TEMPERATURE CONVERSION TABLES FOR

0°C to -184°C

32°F to -299°F

MV	C	F	NV	C	F	MV	C	F	MV	C	F
-0.000	.00	32.00	-.040	-1.04	30.13	-.060	-2.08	26.25	-.120	-3.13	26.37
-0.001	-.02	31.96	-.041	-1.06	30.08	-.061	-2.11	26.21	-.121	-3.15	26.33
-0.002	-.05	31.94	-.042	-1.09	30.09	-.062	-2.13	26.16	-.122	-3.16	26.28
-0.003	-.08	31.86	-.043	-1.12	29.99	-.063	-2.16	26.11	-.123	-3.21	26.23
-0.004	-.10	31.82	-.044	-1.14	29.94	-.064	-2.19	26.07	-.124	-3.23	26.18
-0.005	-.13	31.77	-.045	-1.17	29.90	-.065	-2.21	26.02	-.125	-3.26	26.14
-0.006	-.15	31.72	-.046	-1.19	29.85	-.066	-2.24	27.97	-.126	-3.28	26.09
-0.007	-.18	31.68	-.047	-1.22	29.80	-.067	-2.26	27.93	-.127	-3.31	26.04
-0.008	-.21	31.63	-.048	-1.25	29.76	-.068	-2.29	27.88	-.128	-3.34	26.00
-0.009	-.23	31.58	-.049	-1.27	29.71	-.069	-2.32	27.83	-.129	-3.36	25.95
-0.010	-.26	31.54	-.050	-1.30	29.66	-.090	-2.34	27.78	-.130	-3.39	25.90
-0.011	-.28	31.49	-.051	-1.32	29.62	-.091	-2.37	27.74	-.131	-3.41	25.85
-0.012	-.31	31.44	-.052	-1.35	29.57	-.092	-2.39	27.69	-.132	-3.44	25.81
-0.013	-.34	31.40	-.053	-1.38	29.52	-.093	-2.42	27.64	-.133	-3.47	25.76
-0.014	-.36	31.35	-.054	-1.40	29.48	-.094	-2.45	27.60	-.134	-3.49	25.71
-0.015	-.39	31.30	-.055	-1.43	29.43	-.095	-2.47	27.55	-.135	-3.52	25.67
-0.016	-.41	31.26	-.056	-1.45	29.38	-.096	-2.50	27.50	-.136	-3.55	25.62
-0.017	-.44	31.21	-.057	-1.46	29.33	-.097	-2.52	27.46	-.137	-3.57	25.57
-0.018	-.47	31.16	-.058	-1.51	29.29	-.098	-2.55	27.41	-.138	-3.60	25.52
-0.019	-.49	31.12	-.059	-1.53	29.24	-.099	-2.58	27.36	-.139	-3.62	25.48
-0.020	-.52	31.07	-.060	-1.56	29.19	-.100	-2.60	27.31	-.140	-3.65	25.43
-0.021	-.54	31.02	-.061	-1.59	29.15	-.101	-2.63	27.27	-.141	-3.68	25.38
-0.022	-.57	30.98	-.062	-1.61	29.10	-.102	-2.66	27.22	-.142	-3.70	25.34
-0.023	-.60	30.93	-.063	-1.64	29.05	-.103	-2.68	27.17	-.143	-3.73	25.29
-0.024	-.62	30.88	-.064	-1.66	29.01	-.104	-2.71	27.13	-.144	-3.76	25.24
-0.025	-.65	30.83	-.065	-1.69	28.96	-.105	-2.73	27.06	-.145	-3.78	25.19
-0.026	-.67	30.79	-.066	-1.72	28.91	-.106	-2.76	27.03	-.146	-3.81	25.15
-0.027	-.70	30.74	-.067	-1.74	28.87	-.107	-2.79	26.98	-.147	-3.83	25.10
-0.028	-.73	30.69	-.068	-1.77	28.82	-.108	-2.81	26.94	-.148	-3.86	25.05
-0.029	-.75	30.65	-.069	-1.79	28.77	-.109	-2.84	26.89	-.149	-3.89	25.00
-0.030	-.78	30.60	-.070	-1.82	28.72	-.110	-2.86	26.84	-.150	-3.91	24.96
-0.031	-.80	30.55	-.071	-1.85	28.68	-.111	-2.89	26.80	-.151	-3.94	24.91
-0.032	-.83	30.51	-.072	-1.87	28.63	-.112	-2.92	26.75	-.152	-3.96	24.86
-0.033	-.86	30.46	-.073	-1.90	28.58	-.113	-2.94	26.70	-.153	-3.99	24.82
-0.034	-.84	30.41	-.074	-1.92	28.54	-.114	-2.97	26.65	-.154	-4.02	24.77
-0.035	-.91	30.37	-.075	-1.95	28.49	-.115	-3.00	26.61	-.155	-4.04	24.72
-0.036	-.93	30.32	-.076	-1.98	28.44	-.116	-3.02	26.56	-.156	-4.07	24.67
-0.037	-.96	30.27	-.077	-2.00	28.40	-.117	-3.05	26.51	-.157	-4.10	24.63
-0.038	-.99	30.23	-.078	-2.03	28.35	-.118	-3.07	26.47	-.158	-4.12	24.58
-0.039	-1.01	30.18	-.079	-2.05	28.30	-.119	-3.10	26.42	-.159	-4.15	24.53

MV	C	F												
-4.160	-4.17	24.49	-2.200	-5.23	22.59	-2.240	-6.28	20.70	-2.280	-7.34	16.80	-2.281	-7.36	16.75
-4.161	-4.20	24.44	-2.201	-5.25	22.55	-2.241	-6.31	20.65	-2.282	-7.39	16.70	-2.282	-7.39	16.70
-4.162	-4.23	24.39	-2.202	-5.28	22.50	-2.242	-6.33	20.60	-2.283	-7.42	16.65	-2.283	-7.42	16.65
-4.163	-4.25	24.34	-2.203	-5.30	22.45	-2.243	-6.36	20.55	-2.284	-7.44	16.60	-2.284	-7.44	16.60
-4.164	-4.26	24.30	-2.204	-5.33	22.40	-2.244	-6.38	20.51	-2.285	-7.47	16.56	-2.285	-7.47	16.56
-4.165	-4.31	24.25	-2.205	-5.36	22.36	-2.245	-6.44	20.44	-2.286	-7.49	16.51	-2.286	-7.49	16.51
-4.166	-4.33	24.20	-2.206	-5.38	22.31	-2.246	-6.44	20.41	-2.287	-7.52	16.46	-2.287	-7.52	16.46
-4.167	-4.36	24.15	-2.207	-5.41	22.26	-2.247	-6.46	20.34	-2.288	-7.55	16.41	-2.288	-7.55	16.41
-4.168	-4.38	24.11	-2.208	-5.44	22.21	-2.248	-6.49	20.32	-2.289	-7.57	16.37	-2.289	-7.57	16.37
-4.169	-4.41	24.06	-2.209	-5.46	22.17	-2.249	-6.52	20.27	-2.290	-7.60	16.32	-2.290	-7.60	16.32
-4.170	-4.44	24.01	-2.210	-5.49	22.12	-2.250	-6.54	20.22	-2.291	-7.63	16.27	-2.291	-7.63	16.27
-4.171	-4.46	23.97	-2.211	-5.52	22.07	-2.251	-6.57	20.17	-2.292	-7.65	16.22	-2.292	-7.65	16.22
-4.172	-4.49	23.92	-2.212	-5.54	22.03	-2.252	-6.60	20.13	-2.293	-7.68	16.18	-2.293	-7.68	16.18
-4.173	-4.52	23.87	-2.213	-5.57	21.98	-2.253	-6.62	20.08	-2.294	-7.71	16.13	-2.294	-7.71	16.13
-4.174	-4.54	23.82	-2.214	-5.59	21.93	-2.254	-6.65	20.03	-2.295	-7.73	16.08	-2.295	-7.73	16.08
-4.175	-4.57	23.78	-2.215	-5.62	21.89	-2.255	-6.68	19.98	-2.296	-7.76	16.03	-2.296	-7.76	16.03
-4.176	-4.59	23.73	-2.216	-5.65	21.84	-2.256	-6.70	19.94	-2.297	-7.79	17.99	-2.297	-7.79	17.99
-4.177	-4.62	23.68	-2.217	-5.67	21.79	-2.257	-6.73	19.89	-2.298	-7.81	17.94	-2.298	-7.81	17.94
-4.178	-4.65	23.63	-2.218	-5.70	21.74	-2.258	-6.75	19.84	-2.299	-7.84	17.89	-2.299	-7.84	17.89
-4.179	-4.67	23.59	-2.219	-5.73	21.69	-2.259	-6.78	19.79	-2.300	-7.87	17.84	-2.300	-7.87	17.84
-4.180	-4.70	23.54	-2.220	-5.75	21.65	-2.260	-6.81	19.75	-2.301	-7.89	17.79	-2.301	-7.89	17.79
-4.181	-4.73	23.49	-2.221	-5.78	21.60	-2.261	-6.83	19.70	-2.302	-7.92	17.75	-2.302	-7.92	17.75
-4.182	-4.75	23.45	-2.222	-5.80	21.55	-2.262	-6.96	19.65	-2.303	-7.94	17.70	-2.303	-7.94	17.70
-4.183	-4.78	23.40	-2.223	-5.83	21.50	-2.263	-6.99	19.60	-2.304	-7.97	17.65	-2.304	-7.97	17.65
-4.184	-4.81	23.35	-2.224	-5.86	21.46	-2.264	-6.91	19.56	-2.305	-8.00	17.60	-2.305	-8.00	17.60
-4.185	-4.83	23.30	-2.225	-5.88	21.41	-2.265	-6.94	19.51	-2.306	-8.02	17.56	-2.306	-8.02	17.56
-4.186	-4.96	23.26	-2.226	-5.91	21.36	-2.266	-6.97	19.46	-2.307	-8.05	17.51	-2.307	-8.05	17.51
-4.187	-4.98	23.21	-2.227	-5.94	21.31	-2.267	-6.99	19.41	-2.308	-8.08	17.46	-2.308	-8.08	17.46
-4.188	-4.91	23.16	-2.228	-5.96	21.27	-2.268	-7.02	19.37	-2.309	-8.10	17.41	-2.309	-8.10	17.41
-4.189	-4.94	23.11	-2.229	-5.99	21.22	-2.269	-7.05	19.32	-2.310	-8.13	17.37	-2.310	-8.13	17.37
-4.190	-4.96	23.07	-2.230	-6.02	21.17	-2.270	-7.07	19.27	-2.311	-8.16	17.32	-2.311	-8.16	17.32
-4.191	-4.99	23.02	-2.231	-6.04	21.12	-2.271	-7.10	19.22	-2.312	-8.18	17.27	-2.312	-8.18	17.27
-4.192	-5.02	22.97	-2.232	-6.07	21.06	-2.272	-7.12	19.18	-2.313	-8.21	17.22	-2.313	-8.21	17.22
-4.193	-5.04	22.93	-2.233	-6.09	21.03	-2.273	-7.15	19.13	-2.314	-8.24	17.18	-2.314	-8.24	17.18
-4.194	-5.07	22.88	-2.234	-6.12	20.98	-2.274	-7.18	19.08	-2.315	-8.26	17.13	-2.315	-8.26	17.13
-4.195	-5.09	22.83	-2.235	-6.15	20.93	-2.275	-7.20	19.03	-2.316	-8.29	17.08	-2.316	-8.29	17.08
-4.196	-5.12	22.78	-2.236	-6.17	20.89	-2.276	-7.23	18.99	-2.317	-8.32	17.03	-2.317	-8.32	17.03
-4.197	-5.15	22.74	-2.237	-6.20	20.84	-2.277	-7.26	18.94	-2.318	-8.34	16.98	-2.318	-8.34	16.98
-4.198	-5.17	22.69	-2.238	-6.23	20.79	-2.278	-7.28	18.89	-2.319	-8.37	16.94	-2.319	-8.37	16.94
-4.199	-5.20	22.64	-2.239	-6.25	20.74	-2.279	-7.31	18.84	-2.320	-8.40	16.90	-2.320	-8.40	16.90

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-16.320	-6.40	16.89	-16.360	-9.46	14.98	-16.400	-10.52	13.06	-16.440	-11.59	11.14
-16.321	-6.42	16.84	-16.361	-9.48	14.93	-16.401	-10.55	13.01	-16.441	-11.62	11.09
-16.322	-6.45	16.79	-16.362	-9.51	14.88	-16.402	-10.58	12.96	-16.442	-11.64	11.04
-16.323	-6.47	16.75	-16.363	-9.54	14.83	-16.403	-10.60	12.92	-16.443	-11.67	10.99
-16.324	-6.50	16.70	-16.364	-9.56	14.79	-16.404	-10.63	12.87	-16.444	-11.70	10.95
-16.325	-6.53	16.65	-16.365	-9.59	14.74	-16.405	-10.66	12.82	-16.445	-11.72	10.90
-16.326	-6.55	16.60	-16.366	-9.62	14.69	-16.406	-10.68	12.77	-16.446	-11.75	10.85
-16.327	-6.58	16.55	-16.367	-9.64	14.64	-16.407	-10.71	12.72	-16.447	-11.78	10.80
-16.328	-6.61	16.51	-16.368	-9.67	14.59	-16.408	-10.74	12.68	-16.448	-11.80	10.75
-16.329	-6.63	16.46	-16.369	-9.70	14.55	-16.409	-10.76	12.63	-16.449	-11.83	10.70
-16.330	-6.66	16.41	-16.370	-9.72	14.50	-16.410	-10.79	12.58	-16.450	-11.86	10.66
-16.331	-6.69	16.36	-16.371	-9.75	14.45	-16.411	-10.82	12.53	-16.451	-11.88	10.61
-16.332	-6.71	16.32	-16.372	-9.78	14.40	-16.412	-10.84	12.48	-16.452	-11.91	10.56
-16.333	-6.74	16.27	-16.373	-9.80	14.35	-16.413	-10.87	12.44	-16.453	-11.94	10.51
-16.334	-6.77	16.22	-16.374	-9.83	14.31	-16.414	-10.90	12.39	-16.454	-11.96	10.46
-16.335	-6.79	16.17	-16.375	-9.86	14.26	-16.415	-10.92	12.34	-16.455	-11.99	10.42
-16.336	-6.92	16.12	-16.376	-9.88	14.21	-16.416	-10.95	12.29	-16.456	-12.02	10.37
-16.337	-6.85	16.08	-16.377	-9.91	14.16	-16.417	-10.98	12.24	-16.457	-12.04	10.32
-16.338	-6.87	16.03	-16.378	-9.94	14.12	-16.418	-11.00	12.20	-16.458	-12.07	10.27
-16.339	-6.90	15.98	-16.379	-9.96	14.07	-16.419	-11.03	12.15	-16.459	-12.10	10.22
-16.340	-6.93	15.93	-16.380	-9.99	14.02	-16.420	-11.06	12.10	-16.460	-12.12	10.16
-16.341	-6.95	15.89	-16.381	-10.02	13.97	-16.421	-11.08	12.05	-16.461	-12.15	10.13
-16.342	-6.98	15.84	-16.382	-10.04	13.92	-16.422	-11.11	12.00	-16.462	-12.18	10.08
-16.343	-9.01	15.79	-16.383	-10.07	13.88	-16.423	-11.14	11.96	-16.463	-12.21	10.03
-16.344	-9.03	15.74	-16.384	-10.10	13.83	-16.424	-11.16	11.91	-16.464	-12.23	0.98
-16.345	-9.06	15.69	-16.385	-10.12	13.78	-16.425	-11.19	11.86	-16.465	-12.26	0.93
-16.346	-9.09	15.65	-16.386	-10.15	13.73	-16.426	-11.22	11.81	-16.466	-12.29	0.89
-16.347	-9.11	15.60	-16.387	-10.16	13.68	-16.427	-11.24	11.76	-16.467	-12.31	0.84
-16.348	-9.14	15.55	-16.388	-10.20	13.64	-16.428	-11.27	11.72	-16.468	-12.34	0.79
-16.349	-9.16	15.50	-16.389	-10.23	13.59	-16.429	-11.30	11.67	-16.469	-12.37	0.74
-16.350	-9.19	15.46	-16.390	-10.26	13.54	-16.430	-11.32	11.62	-16.470	-12.39	0.69
-16.351	-9.22	15.41	-16.391	-10.28	13.49	-16.431	-11.35	11.57	-16.471	-12.42	0.64
-16.352	-9.24	15.36	-16.392	-10.31	13.44	-16.432	-11.38	11.52	-16.472	-12.45	0.60
-16.353	-9.27	15.31	-16.393	-10.34	13.40	-16.433	-11.40	11.47	-16.473	-12.47	0.55
-16.354	-9.30	15.26	-16.394	-10.36	13.35	-16.434	-11.43	11.43	-16.474	-12.50	0.50
-16.355	-9.32	15.22	-16.395	-10.39	13.30	-16.435	-11.46	11.38	-16.475	-12.53	0.45
-16.356	-9.35	15.17	-16.396	-10.42	13.25	-16.436	-11.48	11.33	-16.476	-12.55	0.40
-16.357	-9.38	15.12	-16.397	-10.44	13.20	-16.437	-11.51	11.28	-16.477	-12.58	0.36
-16.358	-9.40	15.07	-16.398	-10.47	13.16	-16.438	-11.54	11.23	-16.478	-12.61	0.31
-16.359	-9.43	15.02	-16.399	-10.50	13.11	-16.439	-11.56	11.19	-16.479	-12.63	0.26

MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F			
-16.97	1.45	-18.06	-1.51	-1.720	-19.15	-2.47	-1.760	-20.24	-16.93	-2.47	-2.43	-17.00	-18.09	-2.51	-19.17	-20.27	-14.48
-17.00	1.40	-18.09	-1.55	-1.721	-19.17	-2.51	-1.761	-20.27	-17.03	-1.55	-2.51	-17.03	-18.11	-2.56	-19.20	-20.29	-14.53
-17.03	1.35	-18.03	-1.60	-1.722	-19.20	-2.56	-1.762	-20.29	-17.05	-1.60	-2.61	-17.05	-18.14	-2.61	-19.23	-20.32	-14.58
-17.05	1.30	-18.03	-1.65	-1.723	-19.23	-2.61	-1.763	-20.32	-17.06	-1.65	-2.66	-17.06	-18.17	-2.66	-19.26	-20.35	-14.63
-17.06	1.25	-18.04	-1.70	-1.724	-19.26	-2.66	-1.764	-20.35	-17.07	-1.70	-2.71	-17.07	-18.19	-2.71	-19.28	-20.38	-14.68
-17.07	1.20	-18.05	-1.75	-1.725	-19.28	-2.71	-1.765	-20.38	-17.08	-1.75	-2.76	-17.08	-18.22	-2.76	-19.31	-20.40	-14.73
-17.11	1.16	-18.06	-1.80	-1.726	-19.31	-2.76	-1.766	-20.40	-17.14	-1.80	-2.81	-17.14	-18.25	-2.81	-19.34	-20.43	-14.78
-17.14	1.16	-18.06	-1.85	-1.727	-19.34	-2.81	-1.767	-20.43	-17.16	-1.85	-2.86	-17.16	-18.28	-2.86	-19.37	-20.46	-14.83
-17.16	1.11	-18.06	-1.90	-1.728	-19.37	-2.86	-1.768	-20.46	-17.19	-1.90	-2.91	-17.19	-18.30	-2.91	-19.39	-20.49	-14.87
-17.19	1.06	-18.06	-1.95	-1.729	-19.39	-2.91	-1.769	-20.49	-17.22	-1.95	-2.91	-17.22	-18.33	-2.91	-19.42	-20.51	-14.92
-17.22	1.01	-18.09	-1.95	-1.730	-19.42	-2.96	-1.770	-20.51	-17.24	-1.95	-2.96	-17.24	-18.36	-2.96	-19.45	-20.54	-14.97
-17.24	.96	-18.09	-1.96	-1.731	-19.45	-3.01	-1.771	-20.54	-17.27	-1.96	-3.01	-17.27	-18.39	-3.01	-19.47	-20.57	-15.02
-17.27	.91	-18.04	-1.96	-1.732	-19.47	-3.05	-1.772	-20.57	-17.30	-1.96	-3.05	-17.30	-18.41	-3.05	-19.50	-20.60	-15.07
-17.30	.86	-18.02	-1.96	-1.733	-19.50	-3.10	-1.773	-20.60	-17.33	-1.96	-3.15	-17.33	-18.44	-3.15	-19.53	-20.62	-15.12
-17.33	.81	-18.03	-1.96	-1.734	-19.53	-3.15	-1.774	-20.62	-17.35	-1.96	-3.15	-17.35	-18.47	-3.15	-19.56	-20.65	-15.17
-17.35	.76	-18.04	-1.96	-1.735	-19.56	-3.20	-1.775	-20.65	-17.38	-1.96	-3.20	-17.38	-18.49	-3.20	-19.58	-20.68	-15.22
-17.38	.72	-18.04	-1.97	-1.736	-19.58	-3.25	-1.776	-20.68	-17.41	-1.97	-3.25	-17.41	-18.52	-3.25	-19.61	-20.70	-15.27
-17.41	.67	-18.06	-1.97	-1.737	-19.61	-3.30	-1.777	-20.70	-17.43	-1.97	-3.30	-17.43	-18.55	-3.30	-19.64	-20.73	-15.32
-17.43	.62	-18.07	-1.97	-1.738	-19.64	-3.35	-1.778	-20.73	-17.46	-1.97	-3.35	-17.46	-18.58	-3.35	-19.67	-20.76	-15.37
-17.46	.57	-18.08	-1.97	-1.739	-19.67	-3.40	-1.779	-20.76	-17.49	-1.97	-3.40	-17.49	-18.62	-3.40	-19.70	-20.79	-15.42
-17.49	.52	-18.09	-1.99	-1.740	-19.69	-3.45	-1.780	-20.79	-17.52	-1.99	-3.45	-17.52	-18.65	-3.45	-19.72	-20.81	-15.47
-17.52	.47	-18.09	-1.99	-1.741	-19.72	-3.50	-1.781	-20.81	-17.55	-1.99	-3.50	-17.55	-18.69	-3.50	-19.75	-20.84	-15.51
-17.55	.42	-18.01	-1.99	-1.742	-19.75	-3.55	-1.782	-20.84	-17.57	-1.99	-3.55	-17.57	-18.71	-3.55	-19.78	-20.87	-15.56
-17.57	.37	-18.02	-1.99	-1.743	-19.78	-3.60	-1.783	-20.87	-17.60	-1.99	-3.60	-17.60	-18.74	-3.60	-19.81	-20.90	-15.61
-17.60	.32	-18.03	-1.99	-1.744	-19.80	-3.65	-1.784	-20.90	-17.62	-1.99	-3.65	-17.62	-18.76	-3.65	-19.83	-20.92	-15.66
-17.62	.28	-18.04	-1.99	-1.745	-19.83	-3.70	-1.785	-20.92	-17.65	-1.99	-3.70	-17.65	-18.79	-3.70	-19.86	-20.95	-15.71
-17.65	.23	-18.05	-1.99	-1.746	-19.86	-3.75	-1.786	-20.95	-17.68	-1.99	-3.75	-17.68	-18.82	-3.75	-19.89	-20.98	-15.76
-17.68	.18	-18.06	-1.99	-1.747	-19.89	-3.80	-1.787	-20.98	-17.71	-1.99	-3.80	-17.71	-18.85	-3.80	-19.91	-21.01	-15.81
-17.71	.13	-18.07	-1.99	-1.748	-19.91	-3.85	-1.788	-21.01	-17.74	-1.99	-3.85	-17.74	-18.91	-3.85	-19.94	-21.03	-15.86
-17.74	.08	-18.08	-1.99	-1.749	-19.94	-3.90	-1.789	-21.03	-17.76	-1.99	-3.90	-17.76	-18.95	-3.90	-19.97	-21.06	-15.91
-17.76	.03	-18.09	-1.99	-1.750	-19.97	-3.95	-1.790	-21.06	-17.79	-1.99	-3.95	-17.79	-19.02	-3.95	-20.00	-21.09	-15.96
-17.79	.02	-18.10	-1.99	-1.751	-19.99	-4.00	-1.791	-21.09	-17.82	-1.99	-4.00	-17.82	-19.05	-4.00	-20.02	-21.12	-16.01
-17.81	.07	-18.11	-1.99	-1.752	-20.02	-4.04	-1.792	-21.12	-17.84	-1.99	-4.04	-17.84	-19.08	-4.04	-20.05	-21.14	-16.06
-17.84	.11	-18.12	-1.99	-1.753	-20.05	-4.09	-1.793	-21.14	-17.87	-1.99	-4.09	-17.87	-19.12	-4.09	-20.08	-21.17	-16.11
-17.87	.16	-18.13	-1.99	-1.754	-20.08	-4.14	-1.794	-21.17	-17.90	-1.99	-4.14	-17.90	-19.15	-4.14	-20.10	-21.20	-16.16
-17.90	.21	-18.14	-1.99	-1.755	-20.10	-4.19	-1.795	-21.20	-17.93	-1.99	-4.19	-17.93	-19.18	-4.19	-20.13	-21.23	-16.21
-17.93	.26	-18.15	-1.99	-1.756	-20.13	-4.23	-1.796	-21.23	-17.96	-1.99	-4.23	-17.96	-19.21	-4.23	-20.16	-21.25	-16.25
-17.96	.31	-18.16	-1.99	-1.757	-20.16	-4.28	-1.797	-21.25	-18.00	-1.99	-4.28	-18.00	-19.24	-4.28	-20.19	-21.28	-16.30
-18.00	.36	-18.17	-1.99	-1.758	-20.17	-4.33	-1.798	-21.26	-18.03	-1.99	-4.33	-18.03	-19.27	-4.33	-20.21	-21.31	-16.35
-18.03	.41	-18.18	-1.99	-1.759	-20.19	-4.38	-1.799	-21.29	-18.06	-1.99	-4.38	-18.06	-19.30	-4.38	-20.24	-21.34	-16.39

	MV	C	F												
-960	-25.75	-14.35	-1.000	-26.86	-16.35	-1.040	-27.97	-16.35	-1.060	-29.09	-1.061	-20.37	-29.12	-20.42	-20.42
-961	-25.78	-14.40	-1.001	-26.89	-16.40	-1.041	-26.00	-16.40	-1.062	-29.12	-1.062	-20.42	-29.15	-20.47	-20.47
-962	-25.80	-14.45	-1.002	-26.92	-16.45	-1.042	-26.03	-16.45	-1.063	-29.15	-1.063	-20.52	-29.16	-20.52	-20.52
-963	-25.83	-14.50	-1.003	-26.94	-16.50	-1.043	-26.06	-16.50	-1.064	-29.16	-1.064	-20.57	-29.20	-20.57	-20.57
-964	-25.86	-14.55	-1.004	-26.97	-16.55	-1.044	-26.09	-16.56	-1.065	-29.23	-1.065	-20.62	-29.23	-20.62	-20.62
-965	-25.89	-14.60	-1.005	-27.00	-16.60	-1.045	-26.11	-16.61	-1.066	-29.26	-1.066	-20.67	-29.26	-20.67	-20.67
-966	-25.91	-14.65	-1.006	-27.03	-16.65	-1.046	-26.14	-16.66	-1.067	-29.29	-1.067	-20.72	-29.29	-20.72	-20.72
-967	-25.94	-14.70	-1.007	-27.05	-16.70	-1.047	-26.17	-16.71	-1.068	-29.32	-1.068	-20.77	-29.32	-20.77	-20.77
-968	-25.97	-14.75	-1.008	-27.08	-16.75	-1.048	-26.20	-16.76	-1.069	-29.35	-1.069	-20.82	-29.35	-20.82	-20.82
-969	-26.00	-14.80	-1.009	-27.11	-16.80	-1.049	-26.23	-16.81	-1.070	-29.38	-1.070	-20.87	-29.37	-20.87	-20.87
-970	-26.03	-14.85	-1.010	-27.14	-16.85	-1.050	-26.25	-16.86	-1.090	-29.40	-1.091	-20.92	-29.40	-20.92	-20.92
-971	-26.05	-14.90	-1.011	-27.17	-16.90	-1.051	-26.28	-16.91	-1.092	-29.43	-1.092	-20.97	-29.43	-20.97	-20.97
-972	-26.08	-14.95	-1.012	-27.19	-16.95	-1.052	-26.31	-16.96	-1.093	-29.46	-1.093	-21.02	-29.46	-21.02	-21.02
-973	-26.11	-15.00	-1.013	-27.22	-17.00	-1.053	-26.34	-16.99	-1.094	-29.49	-1.094	-21.07	-29.49	-21.07	-21.07
-974	-26.14	-15.05	-1.014	-27.25	-17.05	-1.054	-26.37	-17.06	-1.095	-29.51	-1.095	-21.12	-29.51	-21.12	-21.12
-975	-26.16	-15.10	-1.015	-27.28	-17.10	-1.055	-26.39	-17.11	-1.096	-29.54	-1.096	-21.17	-29.54	-21.17	-21.17
-976	-26.19	-15.15	-1.016	-27.31	-17.15	-1.056	-26.42	-17.16	-1.097	-29.57	-1.097	-21.22	-29.57	-21.22	-21.22
-977	-26.22	-15.20	-1.017	-27.33	-17.20	-1.057	-26.45	-17.21	-1.098	-29.60	-1.098	-21.26	-29.60	-21.26	-21.26
-978	-26.25	-15.25	-1.018	-27.36	-17.25	-1.058	-26.48	-17.26	-1.099	-29.63	-1.099	-21.33	-29.63	-21.33	-21.33
-979	-26.28	-15.30	-1.019	-27.39	-17.30	-1.059	-26.51	-17.31	-1.099	-29.63	-1.099	-21.33	-29.63	-21.33	-21.33
-980	-26.30	-15.35	-1.020	-27.42	-17.35	-1.060	-26.53	-17.36	-1.100	-29.65	-1.101	-21.36	-29.65	-21.36	-21.36
-981	-26.33	-15.40	-1.021	-27.44	-17.40	-1.061	-26.56	-17.41	-1.102	-29.68	-1.102	-21.43	-29.68	-21.43	-21.43
-982	-26.36	-15.45	-1.022	-27.47	-17.45	-1.062	-26.59	-17.46	-1.103	-29.71	-1.103	-21.48	-29.71	-21.48	-21.48
-983	-26.39	-15.50	-1.023	-27.50	-17.50	-1.063	-26.62	-17.51	-1.103	-29.74	-1.103	-21.53	-29.74	-21.53	-21.53
-984	-26.41	-15.55	-1.024	-27.53	-17.55	-1.064	-26.65	-17.56	-1.104	-29.77	-1.104	-21.58	-29.77	-21.58	-21.58
-985	-26.44	-15.60	-1.025	-27.56	-17.60	-1.065	-26.67	-17.61	-1.105	-29.79	-1.105	-21.63	-29.79	-21.63	-21.63
-986	-26.47	-15.65	-1.026	-27.58	-17.65	-1.066	-26.70	-17.66	-1.106	-29.82	-1.106	-21.68	-29.82	-21.68	-21.68
-987	-26.50	-15.70	-1.027	-27.61	-17.70	-1.067	-26.73	-17.71	-1.107	-29.85	-1.107	-21.73	-29.85	-21.73	-21.73
-988	-26.53	-15.75	-1.028	-27.64	-17.75	-1.068	-26.76	-17.76	-1.108	-29.88	-1.108	-21.76	-29.88	-21.76	-21.76
-989	-26.55	-15.80	-1.029	-27.67	-17.80	-1.069	-26.79	-17.81	-1.109	-29.91	-1.109	-21.83	-29.91	-21.83	-21.83
-990	-26.58	-15.85	-1.030	-27.70	-17.85	-1.070	-26.81	-17.86	-1.110	-29.93	-1.110	-21.86	-29.93	-21.86	-21.86
-991	-26.61	-15.90	-1.031	-27.72	-17.90	-1.071	-26.84	-17.91	-1.111	-29.96	-1.111	-21.93	-29.96	-21.93	-21.93
-992	-26.64	-15.95	-1.032	-27.75	-17.95	-1.072	-26.87	-17.96	-1.112	-29.99	-1.112	-21.98	-29.99	-21.98	-21.98
-993	-26.66	-16.00	-1.033	-27.78	-18.00	-1.073	-26.90	-18.01	-1.113	-30.02	-1.113	-22.03	-30.02	-22.03	-22.03
-994	-26.69	-16.05	-1.034	-27.81	-18.05	-1.074	-26.92	-18.06	-1.114	-30.05	-1.114	-22.06	-30.05	-22.06	-22.06
-995	-26.72	-16.10	-1.035	-27.83	-18.10	-1.075	-26.95	-18.12	-1.115	-30.07	-1.115	-22.13	-30.07	-22.13	-22.13
-996	-26.75	-16.15	-1.036	-27.86	-18.15	-1.076	-26.98	-18.17	-1.116	-30.10	-1.116	-22.16	-30.10	-22.16	-22.16
-997	-26.78	-16.20	-1.037	-27.89	-18.20	-1.077	-27.01	-18.22	-1.117	-30.13	-1.117	-22.24	-30.13	-22.24	-22.24
-998	-26.80	-16.25	-1.038	-27.92	-18.25	-1.078	-27.04	-18.27	-1.118	-30.16	-1.118	-22.29	-30.16	-22.29	-22.29
-999	-26.83	-16.30	-1.039	-27.95	-18.30	-1.079	-27.06	-18.32	-1.119	-30.19	-1.119	-22.34	-30.19	-22.34	-22.34

MV	C	F									
-1.120	-30.21	-22.39	-1.160	-31.34	-24.41	-1.200	-32.47	-26.44	-1.240	-33.60	-28.48
-1.121	-30.24	-22.44	-1.161	-31.37	-24.46	-1.201	-32.50	-26.50	-1.241	-33.63	-28.53
-1.122	-30.27	-22.49	-1.162	-31.40	-24.51	-1.202	-32.53	-26.53	-1.242	-33.66	-28.59
-1.123	-30.30	-22.54	-1.163	-31.42	-24.56	-1.203	-32.55	-26.60	-1.243	-33.69	-28.64
-1.124	-30.33	-22.59	-1.164	-31.45	-24.62	-1.204	-32.58	-26.65	-1.244	-33.72	-28.69
-1.125	-30.36	-22.64	-1.165	-31.46	-24.67	-1.205	-32.61	-26.70	-1.245	-33.74	-28.74
-1.126	-30.38	-22.69	-1.166	-31.51	-24.72	-1.206	-32.64	-26.75	-1.246	-33.77	-28.79
-1.127	-30.41	-22.74	-1.167	-31.54	-24.77	-1.207	-32.67	-26.80	-1.247	-33.80	-28.84
-1.128	-30.44	-22.79	-1.168	-31.57	-24.82	-1.208	-32.70	-26.85	-1.248	-33.83	-28.89
-1.129	-30.47	-22.84	-1.169	-31.59	-24.87	-1.209	-32.72	-26.90	-1.249	-33.86	-28.94
-1.130	-30.50	-22.89	-1.170	-31.62	-24.92	-1.210	-32.75	-26.95	-1.250	-33.89	-28.99
-1.131	-30.52	-22.94	-1.171	-31.65	-24.97	-1.211	-32.78	-27.00	-1.251	-33.91	-29.05
-1.132	-30.55	-22.99	-1.172	-31.68	-25.02	-1.212	-32.81	-27.06	-1.252	-33.94	-29.10
-1.133	-30.58	-23.04	-1.173	-31.71	-25.07	-1.213	-32.84	-27.11	-1.253	-33.97	-29.15
-1.134	-30.61	-23.10	-1.174	-31.74	-25.12	-1.214	-32.87	-27.16	-1.254	-34.00	-29.20
-1.135	-30.64	-23.15	-1.175	-31.76	-25.17	-1.215	-32.89	-27.21	-1.255	-34.03	-29.25
-1.136	-30.66	-23.20	-1.176	-31.79	-25.22	-1.216	-32.92	-27.26	-1.256	-34.06	-29.30
-1.137	-30.59	-23.25	-1.177	-31.82	-25.26	-1.217	-32.95	-27.31	-1.257	-34.09	-29.35
-1.138	-30.72	-23.30	-1.178	-31.85	-25.33	-1.218	-32.98	-27.36	-1.258	-34.11	-29.40
-1.139	-30.75	-23.35	-1.179	-31.86	-25.36	-1.219	-33.01	-27.41	-1.259	-34.14	-29.45
-1.140	-30.78	-23.40	-1.180	-31.90	-25.43	-1.220	-33.04	-27.46	-1.260	-34.17	-29.51
-1.141	-30.91	-23.45	-1.181	-31.93	-25.46	-1.221	-33.06	-27.51	-1.261	-34.20	-29.56
-1.142	-30.83	-23.50	-1.182	-31.96	-25.53	-1.222	-33.09	-27.57	-1.262	-34.23	-29.61
-1.143	-30.96	-23.55	-1.183	-31.99	-25.56	-1.223	-33.12	-27.62	-1.263	-34.25	-29.66
-1.144	-30.99	-23.60	-1.184	-32.02	-25.63	-1.224	-33.15	-27.67	-1.264	-34.28	-29.71
-1.145	-30.92	-23.65	-1.185	-32.05	-25.66	-1.225	-33.18	-27.72	-1.265	-34.31	-29.76
-1.146	-30.95	-23.70	-1.186	-32.07	-25.73	-1.226	-33.21	-27.77	-1.266	-34.34	-29.81
-1.147	-30.97	-23.75	-1.187	-32.10	-25.76	-1.227	-33.23	-27.82	-1.267	-34.37	-29.86
-1.148	-31.00	-23.80	-1.188	-32.13	-25.83	-1.228	-33.26	-27.87	-1.268	-34.40	-29.91
-1.149	-31.03	-23.85	-1.189	-32.16	-25.89	-1.229	-33.29	-27.92	-1.269	-34.43	-29.97
-1.150	-31.06	-23.91	-1.190	-32.19	-25.94	-1.230	-33.32	-27.97	-1.270	-34.45	-30.02
-1.151	-31.09	-23.96	-1.191	-32.21	-25.99	-1.231	-33.35	-28.02	-1.271	-34.48	-30.07
-1.152	-31.11	-24.01	-1.192	-32.24	-26.04	-1.232	-33.38	-28.06	-1.272	-34.51	-30.12
-1.153	-31.14	-24.06	-1.193	-32.27	-26.09	-1.233	-33.40	-28.13	-1.273	-34.54	-30.17
-1.154	-31.17	-24.11	-1.194	-32.30	-26.14	-1.234	-33.43	-28.18	-1.274	-34.57	-30.22
-1.155	-31.20	-24.16	-1.195	-32.33	-26.19	-1.235	-33.46	-28.23	-1.275	-34.60	-30.27
-1.156	-31.23	-24.21	-1.196	-32.36	-26.24	-1.236	-33.49	-28.28	-1.276	-34.62	-30.32
-1.157	-31.26	-24.26	-1.197	-32.39	-26.29	-1.237	-33.52	-28.33	-1.277	-34.65	-30.36
-1.158	-31.29	-24.31	-1.198	-32.41	-26.34	-1.238	-33.55	-28.38	-1.278	-34.68	-30.43
-1.159	-31.31	-24.36	-1.199	-32.44	-26.39	-1.239	-33.57	-28.43	-1.279	-34.71	-30.46

HV	C	F									
-1.440	-39.32	-38.78	-1.480	-40.48	-40.86	-1.520	-41.54	-42.94	-1.560	-42.80	-45.04
-1.441	-39.35	-38.83	-1.481	-40.51	-40.91	-1.521	-41.66	-43.00	-1.561	-42.63	-45.09
-1.442	-39.38	-38.89	-1.482	-40.53	-40.96	-1.522	-41.69	-43.05	-1.562	-42.66	-45.14
-1.443	-39.41	-38.93	-1.483	-40.56	-41.01	-1.523	-41.72	-43.10	-1.563	-42.69	-45.20
-1.444	-39.44	-38.99	-1.484	-40.59	-41.07	-1.524	-41.75	-43.15	-1.564	-42.92	-45.25
-1.445	-39.47	-39.04	-1.485	-40.62	-41.12	-1.525	-41.78	-43.21	-1.565	-42.94	-45.30
-1.446	-39.49	-39.09	-1.486	-40.65	-41.17	-1.526	-41.81	-43.26	-1.566	-42.97	-45.35
-1.447	-39.52	-39.14	-1.487	-40.68	-41.22	-1.527	-41.84	-43.31	-1.567	-43.00	-45.41
-1.448	-39.55	-39.19	-1.488	-40.71	-41.27	-1.528	-41.87	-43.34	-1.568	-43.03	-45.46
-1.449	-39.58	-39.25	-1.489	-40.74	-41.33	-1.529	-41.90	-43.41	-1.569	-43.06	-45.51
-1.450	-39.61	-39.30	-1.490	-40.77	-41.38	-1.530	-41.93	-43.47	-1.570	-43.09	-45.56
-1.451	-39.64	-39.35	-1.491	-40.79	-41.43	-1.531	-41.96	-43.52	-1.571	-43.12	-45.61
-1.452	-39.67	-39.40	-1.492	-40.82	-41.46	-1.532	-41.98	-43.57	-1.572	-43.15	-45.67
-1.453	-39.70	-39.45	-1.493	-40.85	-41.53	-1.533	-42.01	-43.62	-1.573	-43.18	-45.72
-1.454	-39.72	-39.50	-1.494	-40.88	-41.59	-1.534	-42.04	-43.68	-1.574	-43.21	-45.77
-1.455	-39.75	-39.56	-1.495	-40.91	-41.64	-1.535	-42.07	-43.73	-1.575	-43.24	-45.82
-1.456	-39.78	-39.61	-1.496	-40.94	-41.69	-1.536	-42.10	-43.76	-1.576	-43.27	-45.86
-1.457	-39.81	-39.66	-1.497	-40.97	-41.74	-1.537	-42.13	-43.83	-1.577	-43.29	-45.93
-1.458	-39.84	-39.71	-1.498	-41.00	-41.80	-1.538	-42.16	-43.89	-1.578	-43.32	-45.98
-1.459	-39.87	-39.76	-1.499	-41.03	-41.85	-1.539	-42.19	-43.94	-1.579	-43.35	-46.03
-1.460	-39.90	-39.82	-1.500	-41.06	-41.90	-1.540	-42.22	-43.99	-1.580	-43.38	-46.09
-1.461	-39.93	-39.87	-1.501	-41.08	-41.95	-1.541	-42.25	-44.04	-1.581	-43.41	-46.14
-1.462	-39.96	-39.92	-1.502	-41.11	-42.00	-1.542	-42.27	-44.09	-1.582	-43.44	-46.19
-1.463	-39.98	-39.97	-1.503	-41.14	-42.06	-1.543	-42.30	-44.15	-1.583	-43.47	-46.25
-1.464	-40.01	-40.02	-1.504	-41.17	-42.11	-1.544	-42.33	-44.20	-1.584	-43.50	-46.30
-1.465	-40.04	-40.04	-1.505	-41.20	-42.16	-1.545	-42.36	-44.25	-1.585	-43.53	-46.35
-1.466	-40.07	-40.13	-1.506	-41.23	-42.21	-1.546	-42.39	-44.30	-1.586	-43.56	-46.40
-1.467	-40.10	-40.19	-1.507	-41.26	-42.27	-1.547	-42.42	-44.36	-1.587	-43.59	-46.46
-1.468	-40.13	-40.23	-1.508	-41.29	-42.32	-1.548	-42.45	-44.41	-1.588	-43.62	-46.51
-1.469	-40.16	-40.26	-1.509	-41.32	-42.37	-1.549	-42.48	-44.46	-1.589	-43.64	-46.56
-1.470	-40.19	-40.34	-1.510	-41.35	-42.42	-1.550	-42.51	-44.51	-1.590	-43.67	-46.61
-1.471	-40.22	-40.39	-1.511	-41.37	-42.47	-1.551	-42.54	-44.57	-1.591	-43.70	-46.67
-1.472	-40.24	-40.44	-1.512	-41.40	-42.53	-1.552	-42.57	-44.62	-1.592	-43.73	-46.72
-1.473	-40.27	-40.49	-1.513	-41.43	-42.56	-1.553	-42.59	-44.67	-1.593	-43.76	-46.77
-1.474	-40.30	-40.54	-1.514	-41.46	-42.63	-1.554	-42.62	-44.72	-1.594	-43.79	-46.82
-1.475	-40.33	-40.60	-1.515	-41.49	-42.66	-1.555	-42.65	-44.78	-1.595	-43.82	-46.86
-1.476	-40.36	-40.65	-1.516	-41.52	-42.74	-1.556	-42.68	-44.83	-1.596	-43.85	-46.93
-1.477	-40.39	-40.70	-1.517	-41.55	-42.79	-1.557	-42.71	-44.88	-1.597	-43.88	-46.98
-1.478	-40.42	-40.75	-1.518	-41.58	-42.84	-1.558	-42.74	-44.93	-1.598	-43.91	-47.03
-1.479	-40.45	-40.81	-1.519	-41.61	-42.87	-1.559	-42.77	-44.99	-1.599	-43.94	-47.09

MV	C	F									
-1.600	-43.97	-47.14	-1.640	-45.14	-49.25	-1.680	-46.31	-51.36	-1.720	-47.49	-53.49
-1.601	-44.00	-47.19	-1.641	-45.17	-49.30	-1.681	-46.34	-51.42	-1.721	-47.52	-53.54
-1.602	-44.02	-47.24	-1.642	-45.20	-49.35	-1.682	-46.37	-51.47	-1.722	-47.55	-53.59
-1.603	-44.05	-47.30	-1.643	-45.23	-49.41	-1.683	-46.40	-51.52	-1.723	-47.58	-53.65
-1.604	-44.08	-47.35	-1.644	-45.25	-49.46	-1.684	-46.43	-51.56	-1.724	-47.61	-53.70
-1.605	-44.11	-47.40	-1.645	-45.28	-49.51	-1.685	-46.46	-51.63	-1.725	-47.64	-53.75
-1.606	-44.14	-47.45	-1.646	-45.31	-49.56	-1.686	-46.49	-51.68	-1.726	-47.67	-53.81
-1.607	-44.17	-47.51	-1.647	-45.34	-49.62	-1.687	-46.52	-51.73	-1.727	-47.70	-53.86
-1.608	-44.20	-47.56	-1.648	-45.37	-49.67	-1.688	-46.55	-51.79	-1.728	-47.73	-53.91
-1.609	-44.23	-47.61	-1.649	-45.40	-49.72	-1.689	-46.58	-51.84	-1.729	-47.76	-53.97
-1.610	-44.26	-47.67	-1.650	-45.43	-49.78	-1.690	-46.61	-51.89	-1.730	-47.79	-54.02
-1.611	-44.29	-47.72	-1.651	-45.46	-49.83	-1.691	-46.64	-51.95	-1.731	-47.82	-54.07
-1.612	-44.32	-47.77	-1.652	-45.49	-49.86	-1.692	-46.67	-52.00	-1.732	-47.85	-54.13
-1.613	-44.35	-47.82	-1.653	-45.52	-49.93	-1.693	-46.70	-52.05	-1.733	-47.88	-54.18
-1.614	-44.38	-47.88	-1.654	-45.55	-49.99	-1.694	-46.73	-52.11	-1.734	-47.91	-54.23
-1.615	-44.40	-47.93	-1.655	-45.58	-50.04	-1.695	-46.76	-52.16	-1.735	-47.94	-54.29
-1.616	-44.43	-47.98	-1.656	-45.61	-50.09	-1.696	-46.78	-52.21	-1.736	-47.97	-54.34
-1.617	-44.46	-48.03	-1.657	-45.64	-50.15	-1.697	-46.81	-52.27	-1.737	-48.00	-54.39
-1.618	-44.49	-48.09	-1.658	-45.67	-50.20	-1.698	-46.84	-52.32	-1.738	-48.03	-54.45
-1.619	-44.52	-48.14	-1.659	-45.70	-50.25	-1.699	-46.87	-52.37	-1.739	-48.05	-54.50
-1.620	-44.35	-48.19	-1.660	-45.72	-50.30	-1.700	-46.90	-52.42	-1.740	-48.06	-54.55
-1.621	-44.38	-48.25	-1.661	-45.75	-50.36	-1.701	-46.93	-52.46	-1.741	-48.11	-54.61
-1.622	-44.61	-48.30	-1.662	-45.78	-50.41	-1.702	-46.96	-52.53	-1.742	-48.14	-54.66
-1.623	-44.64	-48.35	-1.663	-45.81	-50.46	-1.703	-46.99	-52.58	-1.743	-48.17	-54.71
-1.624	-44.67	-48.40	-1.664	-45.84	-50.52	-1.704	-47.02	-52.64	-1.744	-48.20	-54.77
-1.625	-44.70	-48.46	-1.665	-45.87	-50.57	-1.705	-47.05	-52.69	-1.745	-48.23	-54.82
-1.626	-44.73	-48.51	-1.666	-45.90	-50.62	-1.706	-47.08	-52.74	-1.746	-48.26	-54.87
-1.627	-44.76	-48.56	-1.667	-45.93	-50.66	-1.707	-47.11	-52.80	-1.747	-48.29	-54.92
-1.628	-44.79	-48.61	-1.668	-45.96	-50.73	-1.708	-47.14	-52.85	-1.748	-48.32	-54.98
-1.629	-44.91	-48.67	-1.669	-45.99	-50.76	-1.709	-47.17	-52.90	-1.749	-48.35	-55.03
-1.630	-44.94	-48.72	-1.670	-46.02	-50.83	-1.710	-47.20	-52.96	-1.750	-48.38	-55.08
-1.631	-44.97	-48.77	-1.671	-46.05	-50.89	-1.711	-47.23	-53.01	-1.751	-48.41	-55.14
-1.632	-44.90	-48.83	-1.672	-46.08	-50.94	-1.712	-47.26	-53.06	-1.752	-48.44	-55.19
-1.633	-44.93	-48.88	-1.673	-46.11	-50.99	-1.713	-47.29	-53.11	-1.753	-48.47	-55.24
-1.634	-44.96	-48.93	-1.674	-46.14	-51.05	-1.714	-47.32	-53.17	-1.754	-48.50	-55.30
-1.635	-44.99	-48.98	-1.675	-46.17	-51.10	-1.715	-47.35	-53.22	-1.755	-48.53	-55.36
-1.636	-45.02	-49.04	-1.676	-46.20	-51.15	-1.716	-47.37	-53.27	-1.756	-48.56	-55.40
-1.637	-45.05	-49.09	-1.677	-46.22	-51.20	-1.717	-47.40	-53.33	-1.757	-48.59	-55.46
-1.638	-45.08	-49.14	-1.678	-46.25	-51.26	-1.718	-47.43	-53.36	-1.758	-48.62	-55.51
-1.639	-45.11	-49.19	-1.679	-46.28	-51.31	-1.719	-47.46	-53.43	-1.759	-48.65	-55.57

	MV	C	F		MV	C	F		MV	C	F	
-1.760	-48.68	-55.62	-1.000	-49.87	-57.76	-1.840	-51.06	-59.90	-1.880	-52.26	-62.06	
-1.761	-48.71	-55.67	-1.001	-49.90	-57.81	-1.841	-51.09	-59.96	-1.881	-52.29	-62.11	
-1.762	-48.74	-55.73	-1.002	-49.92	-57.86	-1.842	-51.12	-60.01	-1.882	-52.32	-62.17	
-1.763	-48.77	-55.78	-1.003	-49.95	-57.92	-1.843	-51.15	-60.07	-1.883	-52.35	-62.22	
-1.764	-48.80	-55.83	-1.004	-49.98	-57.97	-1.844	-51.18	-60.12	-1.884	-52.38	-62.28	
-1.765	-48.93	-55.89	-1.005	-50.01	-58.03	-1.845	-51.21	-60.17	-1.885	-52.41	-62.33	
-1.766	-48.95	-55.94	-1.006	-50.04	-58.08	-1.846	-51.24	-60.23	-1.886	-52.44	-62.38	
-1.767	-48.98	-55.99	-1.007	-50.07	-58.13	-1.847	-51.27	-60.28	-1.887	-52.47	-62.44	
-1.768	-48.91	-56.05	-1.008	-50.10	-58.19	-1.848	-51.30	-60.33	-1.888	-52.50	-62.49	
-1.769	-48.94	-56.10	-1.009	-50.13	-58.24	-1.849	-51.33	-60.39	-1.889	-52.53	-62.55	
-1.770	-48.97	-56.15	-1.810	-50.16	-58.29	-1.850	-51.36	-60.44	-1.890	-52.56	-62.60	
-1.771	-49.00	-56.21	-1.811	-50.19	-58.35	-1.851	-51.39	-60.50	-1.891	-52.59	-62.65	
-1.772	-49.03	-56.26	-1.812	-50.22	-58.40	-1.852	-51.42	-60.55	-1.892	-52.62	-62.71	
-1.773	-49.06	-56.31	-1.813	-50.25	-58.45	-1.853	-51.45	-60.60	-1.893	-52.65	-62.76	
-1.774	-49.09	-56.37	-1.814	-50.28	-58.51	-1.854	-51.48	-60.66	-1.894	-52.68	-62.82	
-1.775	-49.12	-56.42	-1.815	-50.31	-58.56	-1.855	-51.51	-60.71	-1.895	-52.71	-62.87	
-1.776	-49.15	-56.47	-1.816	-50.34	-58.62	-1.856	-51.54	-60.77	-1.896	-52.74	-62.92	
-1.777	-49.18	-56.53	-1.817	-50.37	-58.67	-1.857	-51.57	-60.82	-1.897	-52.77	-62.98	
-1.778	-49.21	-56.58	-1.818	-50.40	-58.72	-1.858	-51.60	-60.87	-1.898	-52.80	-63.03	
-1.779	-49.24	-56.63	-1.819	-50.43	-58.76	-1.859	-51.63	-60.93	-1.899	-52.83	-63.09	
-1.780	-49.27	-56.69	-1.820	-50.46	-58.83	-1.860	-51.66	-60.98	-1.900	-52.86	-63.14	
-1.781	-49.30	-56.74	-1.821	-50.49	-58.86	-1.861	-51.69	-61.03	-1.901	-52.89	-63.19	
-1.782	-49.33	-56.79	-1.822	-50.52	-58.94	-1.862	-51.72	-61.09	-1.902	-52.92	-63.25	
-1.783	-49.36	-56.85	-1.823	-50.55	-58.99	-1.863	-51.75	-61.14	-1.903	-52.95	-63.30	
-1.784	-49.39	-56.90	-1.824	-50.58	-59.04	-1.864	-51.78	-61.20	-1.904	-52.98	-63.36	
-1.785	-49.42	-56.95	-1.825	-50.61	-59.10	-1.865	-51.81	-61.25	-1.905	-53.01	-63.41	
-1.786	-49.45	-57.01	-1.826	-50.64	-59.15	-1.866	-51.84	-61.30	-1.906	-53.04	-63.46	
-1.787	-49.48	-57.06	-1.827	-50.67	-59.21	-1.867	-51.87	-61.36	-1.907	-53.07	-63.52	
-1.788	-49.51	-57.12	-1.828	-50.72	-59.26	-1.868	-51.90	-61.41	-1.908	-53.10	-63.57	
-1.789	-49.54	-57.17	-1.829	-50.73	-59.31	-1.869	-51.93	-61.47	-1.909	-53.13	-63.63	
-1.790	-49.57	-57.22	-1.830	-50.76	-59.37	-1.870	-51.96	-61.52	-1.910	-53.16	-63.68	
-1.791	-49.60	-57.26	-1.831	-50.79	-59.42	-1.871	-51.99	-61.57	-1.911	-53.19	-63.74	
-1.792	-49.63	-57.33	-1.832	-50.82	-59.47	-1.872	-52.02	-61.63	-1.912	-53.22	-63.79	
-1.793	-49.66	-57.38	-1.833	-50.85	-59.53	-1.873	-52.05	-61.66	-1.913	-53.25	-63.84	
-1.794	-49.69	-57.44	-1.834	-50.88	-59.56	-1.874	-52.08	-61.74	-1.914	-53.28	-63.90	
-1.795	-49.72	-57.49	-1.835	-50.91	-59.64	-1.875	-52.11	-61.79	-1.915	-53.31	-63.95	
-1.796	-49.75	-57.54	-1.836	-50.94	-59.69	-1.876	-52.14	-61.84	-1.916	-53.34	-64.01	
-1.797	-49.78	-57.60	-1.837	-50.97	-59.74	-1.877	-52.17	-61.90	-1.917	-53.37	-64.06	
-1.798	-49.81	-57.65	-1.838	-51.00	-59.80	-1.878	-52.20	-61.95	-1.918	-53.40	-64.11	
-1.799	-49.84	-57.70	-1.839	-51.03	-59.85	-1.879	-52.23	-62.01	-1.919	-53.43	-64.17	

MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F	
-1.920	-53.46	-64.22	-1.920	-51.960	-54.66	-66.39	-2.000	-55.87	-66.57	-2.040	-57.09	-70.76	-1.921	-53.49	-64.28
-1.921	-53.49	-64.28	-1.921	-51.961	-54.69	-66.45	-2.001	-55.90	-66.63	-2.041	-57.12	-70.82	-1.922	-53.52	-64.33
-1.922	-53.52	-64.33	-1.922	-51.962	-54.72	-66.50	-2.002	-55.94	-66.68	-2.042	-57.15	-70.87	-1.923	-53.55	-64.39
-1.923	-53.55	-64.39	-1.923	-51.963	-54.75	-66.56	-2.003	-55.97	-66.74	-2.043	-57.18	-70.93	-1.924	-53.58	-64.44
-1.924	-53.58	-64.44	-1.924	-51.964	-54.78	-66.61	-2.004	-56.00	-66.79	-2.044	-57.21	-70.98	-1.925	-53.61	-64.49
-1.925	-53.61	-64.49	-1.925	-51.965	-54.81	-66.67	-2.005	-56.03	-66.85	-2.045	-57.24	-71.04	-1.926	-53.64	-64.55
-1.926	-53.64	-64.55	-1.926	-51.966	-54.84	-66.72	-2.006	-56.06	-66.90	-2.046	-57.27	-71.09	-1.927	-53.67	-64.60
-1.927	-53.67	-64.60	-1.927	-51.967	-54.87	-66.77	-2.007	-56.09	-66.96	-2.047	-57.30	-71.15	-1.928	-53.70	-64.66
-1.928	-53.70	-64.66	-1.928	-51.968	-54.91	-66.83	-2.008	-56.12	-69.01	-2.048	-57.33	-71.20	-1.929	-53.73	-64.71
-1.929	-53.73	-64.71	-1.929	-51.969	-54.94	-66.88	-2.009	-56.15	-69.07	-2.049	-57.36	-71.26	-1.930	-53.76	-64.76
-1.930	-53.76	-64.76	-1.930	-51.970	-54.97	-66.94	-2.010	-56.18	-69.12	-2.050	-57.39	-71.31	-1.931	-53.79	-64.82
-1.931	-53.79	-64.82	-1.931	-51.971	-55.00	-66.99	-2.011	-56.21	-69.17	-2.051	-57.43	-71.37	-1.932	-53.92	-64.87
-1.932	-53.92	-64.87	-1.932	-51.972	-55.03	-67.05	-2.012	-56.24	-69.23	-2.052	-57.46	-71.42	-1.933	-53.85	-64.93
-1.933	-53.85	-64.93	-1.933	-51.973	-55.06	-67.10	-2.013	-56.28	-69.26	-2.053	-57.49	-71.46	-1.934	-53.90	-64.98
-1.934	-53.90	-64.98	-1.934	-51.974	-55.09	-67.16	-2.014	-56.30	-69.34	-2.054	-57.52	-71.53	-1.935	-53.91	-65.04
-1.935	-53.91	-65.04	-1.935	-51.975	-55.12	-67.21	-2.015	-56.33	-69.39	-2.055	-57.55	-71.58	-1.936	-53.94	-65.09
-1.936	-53.94	-65.09	-1.936	-51.976	-55.15	-67.26	-2.016	-56.36	-69.45	-2.056	-57.58	-71.64	-1.937	-53.97	-65.14
-1.937	-53.97	-65.14	-1.937	-51.977	-55.18	-67.32	-2.017	-56.39	-69.50	-2.057	-57.61	-71.69	-1.938	-54.00	-65.20
-1.938	-54.00	-65.20	-1.938	-51.978	-55.21	-67.37	-2.018	-56.42	-69.56	-2.058	-57.64	-71.75	-1.939	-54.03	-65.25
-1.939	-54.03	-65.25	-1.939	-51.979	-55.24	-67.43	-2.019	-56.45	-69.61	-2.059	-57.67	-71.80	-1.940	-54.06	-65.31
-1.940	-54.06	-65.31	-1.940	-51.980	-55.27	-67.48	-2.020	-56.48	-69.67	-2.060	-57.70	-71.86	-1.941	-54.09	-65.36
-1.941	-54.09	-65.36	-1.941	-51.981	-55.30	-67.54	-2.021	-56.51	-69.72	-2.061	-57.73	-71.91	-1.942	-54.12	-65.42
-1.942	-54.12	-65.42	-1.942	-51.982	-55.33	-67.59	-2.022	-56.54	-69.76	-2.062	-57.76	-71.97	-1.943	-54.15	-65.47
-1.943	-54.15	-65.47	-1.943	-51.983	-55.36	-67.65	-2.023	-56.57	-69.83	-2.063	-57.79	-72.02	-1.944	-54.18	-65.52
-1.944	-54.18	-65.52	-1.944	-51.984	-55.39	-67.70	-2.024	-56.60	-69.89	-2.064	-57.82	-72.08	-1.945	-54.21	-65.56
-1.945	-54.21	-65.56	-1.945	-51.985	-55.42	-67.76	-2.025	-56.63	-69.94	-2.065	-57.85	-72.13	-1.946	-54.24	-65.63
-1.946	-54.24	-65.63	-1.946	-51.986	-55.45	-67.81	-2.026	-56.66	-70.00	-2.066	-57.88	-72.19	-1.947	-54.27	-65.69
-1.947	-54.27	-65.69	-1.947	-51.987	-55.48	-67.86	-2.027	-56.69	-70.05	-2.067	-57.91	-72.24	-1.948	-54.30	-65.74
-1.948	-54.30	-65.74	-1.948	-51.988	-55.51	-67.92	-2.028	-56.72	-70.10	-2.068	-57.94	-72.30	-1.949	-54.33	-65.80
-1.949	-54.33	-65.80	-1.949	-51.989	-55.54	-67.97	-2.029	-56.76	-70.16	-2.069	-57.97	-72.35	-1.950	-54.36	-65.85
-1.950	-54.36	-65.85	-1.950	-51.990	-55.57	-68.03	-2.030	-56.79	-70.21	-2.070	-58.00	-72.41	-1.951	-54.39	-65.90
-1.951	-54.39	-65.90	-1.951	-51.991	-55.60	-68.08	-2.031	-56.82	-70.27	-2.071	-58.04	-72.46	-1.952	-54.42	-65.96
-1.952	-54.42	-65.96	-1.952	-51.992	-55.63	-68.14	-2.032	-56.85	-70.32	-2.072	-58.07	-72.52	-1.953	-54.45	-66.01
-1.953	-54.45	-66.01	-1.953	-51.993	-55.66	-68.19	-2.033	-56.88	-70.38	-2.073	-58.10	-72.57	-1.954	-54.48	-66.07
-1.954	-54.48	-66.07	-1.954	-51.994	-55.69	-68.25	-2.034	-56.91	-70.43	-2.074	-58.13	-72.63	-1.955	-54.51	-66.12
-1.955	-54.51	-66.12	-1.955	-51.995	-55.72	-68.30	-2.035	-56.94	-70.49	-2.075	-58.16	-72.68	-1.956	-54.54	-66.16
-1.956	-54.54	-66.16	-1.956	-51.996	-55.75	-68.36	-2.036	-56.97	-70.54	-2.076	-58.19	-72.74	-1.957	-54.57	-66.23
-1.957	-54.57	-66.23	-1.957	-51.997	-55.78	-68.41	-2.037	-57.00	-70.60	-2.077	-58.22	-72.79	-1.958	-54.60	-66.29
-1.958	-54.60	-66.29	-1.958	-51.998	-55.81	-68.46	-2.038	-57.03	-70.65	-2.078	-58.25	-72.85	-1.959	-54.63	-66.34
-1.959	-54.63	-66.34	-1.959	-51.999	-55.84	-68.52	-2.039	-57.06	-70.71	-2.079	-58.28	-72.90	-1.960	-54.67	-66.40

N	C	F	MV	C	F	MV	C	F	MV	C	F
-2.000	-58.31	-72.96	-2.120	-59.54	-75.16	-2.160	-60.77	-77.36	-2.200	-62.00	-79.60
-2.001	-58.34	-73.01	-2.121	-59.57	-75.22	-2.161	-60.80	-77.43	-2.201	-62.03	-79.66
-2.002	-58.37	-73.07	-2.122	-59.60	-75.27	-2.162	-60.83	-77.49	-2.202	-62.06	-79.71
-2.003	-58.40	-73.12	-2.123	-59.63	-75.33	-2.163	-60.86	-77.55	-2.203	-62.09	-79.77
-2.004	-58.43	-73.16	-2.124	-59.66	-75.39	-2.164	-60.89	-77.60	-2.204	-62.13	-79.83
-2.005	-58.46	-73.23	-2.125	-59.69	-75.44	-2.165	-60.92	-77.66	-2.205	-62.16	-79.88
-2.006	-58.49	-73.29	-2.126	-59.72	-75.50	-2.166	-60.95	-77.71	-2.206	-62.19	-79.94
-2.007	-58.52	-73.34	-2.127	-59.75	-75.55	-2.167	-60.98	-77.77	-2.207	-62.22	-79.99
-2.008	-58.56	-73.40	-2.128	-59.78	-75.61	-2.168	-61.01	-77.82	-2.208	-62.25	-80.05
-2.009	-58.59	-73.45	-2.129	-59.81	-75.66	-2.169	-61.04	-77.86	-2.209	-62.28	-80.10
-2.090	-58.62	-73.51	-2.130	-59.84	-75.72	-2.170	-61.07	-77.93	-2.210	-62.31	-80.16
-2.091	-58.65	-73.56	-2.131	-59.87	-75.77	-2.171	-61.11	-77.99	-2.211	-62.34	-80.22
-2.092	-58.68	-73.62	-2.132	-59.90	-75.83	-2.172	-61.14	-78.04	-2.212	-62.37	-80.27
-2.093	-58.71	-73.67	-2.133	-59.94	-75.88	-2.173	-61.17	-78.10	-2.213	-62.40	-80.33
-2.094	-58.74	-73.73	-2.134	-59.97	-75.94	-2.174	-61.20	-78.16	-2.214	-62.43	-80.38
-2.095	-58.77	-73.78	-2.135	-60.00	-75.99	-2.175	-61.23	-78.21	-2.215	-62.47	-80.44
-2.096	-58.80	-73.84	-2.136	-60.03	-76.05	-2.176	-61.26	-78.27	-2.216	-62.50	-80.49
-2.097	-58.83	-73.90	-2.137	-60.06	-76.10	-2.177	-61.29	-78.32	-2.217	-62.53	-80.55
-2.098	-58.86	-73.95	-2.138	-60.09	-76.16	-2.178	-61.32	-78.38	-2.218	-62.56	-80.61
-2.099	-58.89	-74.01	-2.139	-60.12	-76.22	-2.179	-61.35	-78.43	-2.219	-62.59	-80.66
-2.100	-58.92	-74.06	-2.140	-60.15	-76.27	-2.180	-61.38	-78.49	-2.220	-62.62	-80.72
-2.101	-58.95	-74.12	-2.141	-60.18	-76.33	-2.181	-61.41	-78.54	-2.221	-62.65	-80.77
-2.102	-58.98	-74.17	-2.142	-60.21	-76.38	-2.182	-61.44	-78.60	-2.222	-62.68	-80.83
-2.103	-59.01	-74.23	-2.143	-60.24	-76.44	-2.183	-61.48	-78.66	-2.223	-62.71	-80.88
-2.104	-59.05	-74.28	-2.144	-60.27	-76.49	-2.184	-61.51	-78.71	-2.224	-62.74	-80.94
-2.105	-59.08	-74.34	-2.145	-60.30	-76.55	-2.185	-61.54	-78.77	-2.225	-62.78	-81.00
-2.106	-59.11	-74.39	-2.146	-60.33	-76.60	-2.186	-61.57	-78.82	-2.226	-62.81	-81.05
-2.107	-59.14	-74.45	-2.147	-60.37	-76.66	-2.187	-61.60	-78.86	-2.227	-62.84	-81.11
-2.108	-59.17	-74.50	-2.148	-60.40	-76.71	-2.188	-61.63	-78.93	-2.228	-62.87	-81.16
-2.109	-59.20	-74.56	-2.149	-60.43	-76.77	-2.189	-61.66	-78.99	-2.229	-62.90	-81.22
-2.110	-59.23	-74.61	-2.150	-60.46	-76.82	-2.190	-61.69	-79.05	-2.230	-62.93	-81.28
-2.111	-59.26	-74.67	-2.151	-60.49	-76.86	-2.191	-61.72	-79.10	-2.231	-62.96	-81.33
-2.112	-59.29	-74.72	-2.152	-60.52	-76.94	-2.192	-61.75	-79.16	-2.232	-62.99	-81.39
-2.113	-59.32	-74.78	-2.153	-60.55	-76.99	-2.193	-61.78	-79.21	-2.233	-63.02	-81.44
-2.114	-59.35	-74.83	-2.154	-60.58	-77.05	-2.194	-61.82	-79.27	-2.234	-63.06	-81.50
-2.115	-59.38	-74.89	-2.155	-60.61	-77.10	-2.195	-61.95	-79.32	-2.235	-63.09	-81.56
-2.116	-59.41	-74.94	-2.156	-60.64	-77.16	-2.196	-61.98	-79.38	-2.236	-63.12	-81.61
-2.117	-59.44	-75.00	-2.157	-60.67	-77.21	-2.197	-62.01	-79.44	-2.237	-63.15	-81.67
-2.118	-59.47	-75.05	-2.158	-60.70	-77.27	-2.198	-62.04	-79.49	-2.238	-63.18	-81.72
-2.119	-59.51	-75.11	-2.159	-60.74	-77.32	-2.199	-62.07	-79.55	-2.239	-63.21	-81.78

MV	C	F									
-2.240	-63.24	-81.83	-2.280	-64.49	-84.06	-2.320	-65.74	-86.33	-2.360	-66.99	-86.59
-2.241	-63.27	-81.89	-2.281	-64.52	-84.13	-2.321	-65.77	-86.36	-2.361	-67.03	-86.65
-2.242	-63.30	-81.95	-2.282	-64.55	-84.19	-2.322	-65.80	-86.44	-2.362	-67.06	-86.70
-2.243	-63.33	-82.00	-2.283	-64.58	-84.24	-2.323	-65.83	-86.50	-2.363	-67.09	-86.76
-2.244	-63.37	-82.06	-2.284	-64.61	-84.30	-2.324	-65.86	-86.55	-2.364	-67.12	-86.81
-2.245	-63.40	-82.11	-2.285	-64.64	-84.36	-2.325	-65.89	-86.61	-2.365	-67.15	-86.87
-2.246	-63.43	-82.17	-2.286	-64.67	-84.41	-2.326	-65.93	-86.67	-2.366	-67.18	-86.93
-2.247	-63.46	-82.23	-2.287	-64.71	-84.47	-2.327	-65.96	-86.72	-2.367	-67.21	-86.98
-2.248	-63.49	-82.28	-2.288	-64.74	-84.53	-2.328	-65.99	-86.76	-2.368	-67.25	-86.94
-2.249	-63.52	-82.34	-2.289	-64.77	-84.58	-2.329	-66.02	-86.84	-2.369	-67.28	-86.10
-2.250	-63.55	-82.39	-2.290	-64.80	-84.64	-2.330	-66.05	-86.89	-2.370	-67.31	-89.16
-2.251	-63.58	-82.45	-2.291	-64.83	-84.69	-2.331	-66.08	-86.95	-2.371	-67.34	-89.21
-2.252	-63.61	-82.51	-2.292	-64.86	-84.75	-2.332	-66.11	-87.00	-2.372	-67.37	-89.27
-2.253	-63.65	-82.56	-2.293	-64.89	-84.81	-2.333	-66.15	-87.06	-2.373	-67.40	-89.33
-2.254	-63.58	-82.62	-2.294	-64.92	-84.86	-2.334	-66.18	-87.12	-2.374	-67.43	-89.38
-2.255	-63.71	-82.67	-2.295	-64.96	-84.92	-2.335	-66.21	-87.17	-2.375	-67.47	-89.44
-2.256	-63.74	-82.73	-2.296	-64.99	-84.98	-2.336	-66.24	-87.23	-2.376	-67.50	-89.50
-2.257	-63.77	-82.79	-2.297	-65.02	-85.03	-2.337	-66.27	-87.29	-2.377	-67.53	-89.55
-2.258	-63.90	-82.84	-2.298	-65.05	-85.09	-2.338	-66.30	-87.34	-2.378	-67.56	-89.61
-2.259	-63.83	-82.90	-2.299	-65.08	-85.14	-2.339	-66.33	-87.40	-2.379	-67.59	-89.67
-2.260	-63.96	-82.95	-2.300	-65.11	-85.20	-2.340	-66.36	-87.46	-2.380	-67.62	-89.72
-2.261	-63.89	-83.01	-2.301	-65.14	-85.26	-2.341	-66.40	-87.51	-2.381	-67.66	-89.78
-2.262	-63.93	-83.07	-2.302	-65.17	-85.31	-2.342	-66.43	-87.57	-2.382	-67.69	-89.84
-2.263	-63.96	-83.12	-2.303	-65.21	-85.37	-2.343	-66.46	-87.63	-2.383	-67.72	-89.89
-2.264	-63.99	-83.18	-2.304	-65.24	-85.43	-2.344	-66.49	-87.68	-2.384	-67.75	-89.95
-2.265	-64.02	-83.23	-2.305	-65.27	-85.48	-2.345	-66.52	-87.74	-2.385	-67.78	-90.01
-2.266	-64.05	-83.29	-2.306	-65.30	-85.54	-2.346	-66.55	-87.80	-2.386	-67.81	-90.06
-2.267	-64.08	-83.35	-2.307	-65.33	-85.59	-2.347	-66.58	-87.85	-2.387	-67.84	-90.12
-2.268	-64.11	-83.40	-2.308	-65.36	-85.65	-2.348	-66.62	-87.91	-2.388	-67.88	-90.16
-2.269	-64.14	-83.46	-2.309	-65.39	-85.71	-2.349	-66.65	-87.97	-2.389	-67.91	-90.23
-2.270	-64.18	-83.52	-2.310	-65.42	-85.76	-2.350	-66.68	-88.02	-2.390	-67.94	-90.29
-2.271	-64.21	-83.57	-2.311	-65.46	-85.82	-2.351	-66.71	-88.06	-2.391	-67.97	-90.35
-2.272	-64.24	-83.63	-2.312	-65.49	-85.88	-2.352	-66.74	-88.14	-2.392	-68.00	-90.40
-2.273	-64.27	-83.68	-2.313	-65.52	-85.93	-2.353	-66.77	-88.19	-2.393	-68.03	-90.46
-2.274	-64.30	-83.74	-2.314	-65.55	-85.99	-2.354	-66.80	-88.25	-2.394	-68.07	-90.52
-2.275	-64.33	-83.80	-2.315	-65.58	-86.05	-2.355	-66.84	-88.31	-2.395	-68.10	-90.57
-2.276	-64.36	-83.85	-2.316	-65.61	-86.10	-2.356	-66.87	-88.36	-2.396	-68.13	-90.63
-2.277	-64.39	-83.91	-2.317	-65.64	-86.16	-2.357	-66.90	-88.42	-2.397	-68.16	-90.69
-2.278	-64.42	-83.96	-2.318	-65.67	-86.21	-2.358	-66.93	-88.48	-2.398	-68.19	-90.75
-2.279	-64.46	-84.02	-2.319	-65.71	-86.27	-2.359	-66.96	-88.53	-2.399	-68.22	-90.80

-2.400	-66.25	-90.86	-69.52	-93.14	-2.480	-70.79	-95.43	-2.520	-72.07	-97.73					
-2.401	-68.29	-90.92	-69.55	-93.25	-2.481	-70.93	-95.54	-2.521	-72.10	-97.79					
-2.402	-68.32	-90.97	-69.59	-93.25	-2.482	-70.96	-95.54	-2.522	-72.14	-97.85					
-2.403	-68.35	-91.03	-69.62	-93.31	-2.483	-70.99	-95.60	-2.523	-72.17	-97.90					
-2.404	-68.38	-91.09	-69.65	-93.37	-2.484	-70.92	-95.66	-2.524	-72.20	-97.96					
-2.405	-68.41	-91.14	-69.68	-93.42	-2.485	-70.95	-95.72	-2.525	-72.23	-98.02					
-2.406	-68.44	-91.20	-69.71	-93.46	-2.486	-70.99	-95.77	-2.526	-72.26	-98.08					
-2.407	-68.48	-91.26	-69.74	-93.54	-2.487	-71.02	-95.83	-2.527	-72.30	-98.13					
-2.408	-68.51	-91.31	-69.78	-93.60	-2.488	-71.05	-95.89	-2.528	-72.33	-98.19					
-2.409	-68.54	-91.37	-69.81	-93.65	-2.489	-71.08	-95.95	-2.529	-72.36	-98.25					
-2.410	-68.57	-91.43	-69.84	-93.71	-2.490	-71.11	-96.00	-2.530	-72.39	-98.31					
-2.411	-68.60	-91.48	-69.87	-93.77	-2.491	-71.14	-96.06	-2.531	-72.42	-98.36					
-2.412	-68.53	-91.54	-69.90	-93.83	-2.492	-71.18	-96.12	-2.532	-72.46	-98.42					
-2.413	-68.67	-91.60	-69.93	-93.88	-2.493	-71.21	-96.16	-2.533	-72.49	-98.48					
-2.414	-68.70	-91.66	-69.97	-93.94	-2.494	-71.24	-96.23	-2.534	-72.52	-98.54					
-2.415	-68.73	-91.71	-70.00	-94.00	-2.495	-71.27	-96.29	-2.535	-72.55	-98.60					
-2.416	-68.76	-91.77	-70.03	-94.05	-2.496	-71.30	-96.35	-2.536	-72.58	-98.65					
-2.417	-68.79	-91.83	-70.06	-94.11	-2.497	-71.34	-96.41	-2.537	-72.62	-98.71					
-2.418	-68.82	-91.88	-70.09	-94.17	-2.498	-71.37	-96.46	-2.538	-72.65	-98.77					
-2.419	-68.86	-91.94	-70.13	-94.23	-2.499	-71.40	-96.52	-2.539	-72.68	-98.83					
-2.420	-68.89	-92.00	-70.16	-94.28	-2.500	-71.43	-96.58	-2.540	-72.71	-98.88					
-2.421	-68.92	-92.05	-70.19	-94.34	-2.501	-71.46	-96.64	-2.541	-72.75	-98.94					
-2.422	-68.95	-92.11	-70.22	-94.40	-2.502	-71.50	-96.69	-2.542	-72.78	-99.00					
-2.423	-68.98	-92.17	-70.25	-94.45	-2.503	-71.53	-96.75	-2.543	-72.81	-99.06					
-2.424	-69.01	-92.23	-70.28	-94.51	-2.504	-71.56	-96.81	-2.544	-72.84	-99.11					
-2.425	-69.05	-92.28	-70.32	-94.57	-2.505	-71.59	-96.87	-2.545	-72.87	-99.17					
-2.426	-69.08	-92.34	-70.35	-94.63	-2.506	-71.62	-96.92	-2.546	-72.91	-99.23					
-2.427	-69.11	-92.40	-70.38	-94.68	-2.507	-71.66	-96.98	-2.547	-72.94	-99.29					
-2.428	-69.14	-92.45	-70.41	-94.74	-2.508	-71.69	-97.04	-2.548	-72.97	-99.35					
-2.429	-69.17	-92.51	-70.44	-94.80	-2.509	-71.72	-97.10	-2.549	-73.00	-99.40					
-2.430	-69.20	-92.57	-70.48	-94.86	-2.510	-71.75	-97.15	-2.550	-73.03	-99.46					
-2.431	-69.24	-92.63	-70.51	-94.91	-2.511	-71.78	-97.21	-2.551	-73.07	-99.52					
-2.432	-69.27	-92.68	-70.54	-94.97	-2.512	-71.82	-97.27	-2.552	-73.10	-99.58					
-2.433	-69.30	-92.74	-70.57	-95.03	-2.513	-71.86	-97.33	-2.553	-73.13	-99.64					
-2.434	-69.33	-92.80	-70.60	-95.09	-2.514	-71.88	-97.38	-2.554	-73.16	-99.69					
-2.435	-69.36	-92.85	-70.63	-95.14	-2.515	-71.91	-97.44	-2.555	-73.20	-99.75					
-2.436	-69.39	-92.91	-70.67	-95.20	-2.516	-71.94	-97.50	-2.556	-73.23	-99.81					
-2.437	-69.43	-92.97	-70.70	-95.26	-2.517	-71.98	-97.56	-2.557	-73.26	-99.87					
-2.438	-69.46	-93.02	-70.73	-95.31	-2.518	-72.01	-97.61	-2.558	-73.29	-99.92					
-2.439	-69.49	-93.08	-70.76	-95.37	-2.519	-72.04	-97.67	-2.559	-73.32	-99.96					

		HV	C	F	HV	C	F	HV	C	F	HV	C	F
-2.560	-73.36	-100.04	-2.600	-74.65	-102.36	-2.640	-75.34	-104.69	-2.680	-77.24	-107.04		
-2.561	-73.39	-100.10	-2.601	-74.68	-102.42	-2.641	-75.37	-104.75	-2.681	-77.28	-107.10		
-2.562	-73.42	-100.16	-2.602	-74.71	-102.48	-2.642	-76.01	-104.81	-2.682	-77.31	-107.15		
-2.563	-73.45	-100.21	-2.603	-74.74	-102.54	-2.643	-76.04	-104.87	-2.683	-77.34	-107.21		
-2.564	-73.48	-100.27	-2.604	-74.77	-102.59	-2.644	-76.07	-104.93	-2.684	-77.37	-107.27		
-2.565	-73.52	-100.33	-2.605	-74.81	-102.65	-2.645	-76.10	-104.99	-2.685	-77.41	-107.33		
-2.566	-73.55	-100.39	-2.606	-74.84	-102.71	-2.646	-76.14	-105.04	-2.686	-77.44	-107.39		
-2.567	-73.58	-100.45	-2.607	-74.87	-102.77	-2.647	-76.17	-105.10	-2.687	-77.47	-107.45		
-2.568	-73.61	-100.50	-2.608	-74.90	-102.83	-2.648	-76.20	-105.16	-2.688	-77.50	-107.51		
-2.569	-73.65	-100.56	-2.609	-74.94	-102.89	-2.649	-76.23	-105.22	-2.689	-77.54	-107.57		
-2.570	-73.68	-100.62	-2.610	-74.97	-102.94	-2.650	-76.27	-105.26	-2.690	-77.57	-107.62		
-2.571	-73.71	-100.68	-2.611	-75.00	-103.00	-2.651	-76.30	-105.34	-2.691	-77.60	-107.68		
-2.572	-73.74	-100.74	-2.612	-75.03	-103.06	-2.652	-76.33	-105.40	-2.692	-77.63	-107.74		
-2.573	-73.77	-100.79	-2.613	-75.07	-103.12	-2.653	-76.36	-105.45	-2.693	-77.67	-107.80		
-2.574	-73.81	-100.85	-2.614	-75.10	-103.16	-2.654	-76.40	-105.51	-2.694	-77.70	-107.86		
-2.575	-73.84	-100.91	-2.615	-75.13	-103.23	-2.655	-76.43	-105.57	-2.695	-77.73	-107.92		
-2.576	-73.87	-100.97	-2.616	-75.16	-103.29	-2.656	-76.46	-105.63	-2.696	-77.76	-107.98		
-2.577	-73.90	-101.03	-2.617	-75.20	-103.35	-2.657	-76.49	-105.69	-2.697	-77.80	-108.04		
-2.578	-73.94	-101.08	-2.618	-75.23	-103.41	-2.658	-76.53	-105.75	-2.698	-77.83	-108.09		
-2.579	-73.97	-101.14	-2.619	-75.26	-103.47	-2.659	-76.56	-105.81	-2.699	-77.86	-108.15		
-2.580	-74.00	-101.20	-2.620	-75.29	-103.53	-2.660	-76.59	-105.86	-2.700	-77.90	-108.21		
-2.581	-74.03	-101.26	-2.621	-75.32	-103.58	-2.661	-76.62	-105.92	-2.701	-77.93	-108.27		
-2.582	-74.06	-101.32	-2.622	-75.36	-103.64	-2.662	-76.66	-105.98	-2.702	-77.96	-108.33		
-2.583	-74.10	-101.37	-2.623	-75.39	-103.70	-2.663	-76.69	-106.04	-2.703	-77.99	-108.39		
-2.584	-74.13	-101.43	-2.624	-75.42	-103.76	-2.664	-76.72	-106.10	-2.704	-78.03	-108.45		
-2.585	-74.16	-101.49	-2.625	-75.45	-103.82	-2.665	-76.75	-106.16	-2.705	-78.06	-108.51		
-2.586	-74.19	-101.55	-2.626	-75.49	-103.88	-2.666	-76.79	-106.22	-2.706	-78.09	-108.57		
-2.587	-74.23	-101.61	-2.627	-75.52	-103.93	-2.667	-76.82	-106.27	-2.707	-78.12	-108.62		
-2.588	-74.26	-101.66	-2.628	-75.55	-103.99	-2.668	-76.85	-106.33	-2.708	-78.16	-108.66		
-2.589	-74.29	-101.72	-2.629	-75.58	-104.05	-2.669	-76.88	-106.39	-2.709	-78.19	-108.74		
-2.590	-74.32	-101.76	-2.630	-75.62	-104.11	-2.670	-76.92	-106.45	-2.710	-78.22	-108.80		
-2.591	-74.35	-101.84	-2.631	-75.65	-104.17	-2.671	-76.95	-106.51	-2.711	-78.26	-108.86		
-2.592	-74.39	-101.90	-2.632	-75.68	-104.23	-2.672	-76.98	-106.57	-2.712	-78.29	-108.92		
-2.593	-74.42	-101.95	-2.633	-75.71	-104.28	-2.673	-77.01	-106.63	-2.713	-78.32	-108.98		
-2.594	-74.45	-102.01	-2.634	-75.75	-104.34	-2.674	-77.05	-106.68	-2.714	-78.35	-109.04		
-2.595	-74.48	-102.07	-2.635	-75.78	-104.40	-2.675	-77.09	-106.74	-2.715	-78.39	-109.10		
-2.596	-74.52	-102.13	-2.636	-75.81	-104.46	-2.676	-77.11	-106.80	-2.716	-78.42	-109.15		
-2.597	-74.55	-102.19	-2.637	-75.84	-104.52	-2.677	-77.14	-106.86	-2.717	-78.45	-109.21		
-2.598	-74.58	-102.25	-2.638	-75.88	-104.58	-2.678	-77.18	-106.92	-2.718	-78.48	-109.27		
-2.599	-74.61	-102.30	-2.639	-75.91	-104.64	-2.679	-77.21	-106.98	-2.719	-78.52	-109.33		

MV	C	F																					
-2.720	-78.35	-109.39	-2.760	-79.86	-111.76	-2.800	-81.18	-114.13	-2.840	-82.51	-116.52	-2.880	-82.54	-116.58	-2.920	-82.54	-116.54	-2.960	-82.54	-116.54	-3.000	-82.54	-116.54
-2.721	-78.36	-109.45	-2.761	-79.90	-111.81	-2.801	-81.22	-114.19	-2.841	-82.54	-116.52	-2.881	-81.22	-114.25	-2.921	-82.54	-116.52	-2.961	-82.54	-116.52	-3.001	-82.54	-116.52
-2.722	-78.62	-109.51	-2.762	-79.93	-111.87	-2.802	-81.25	-114.25	-2.842	-82.54	-116.54	-2.882	-81.25	-114.31	-2.922	-82.54	-116.54	-2.962	-82.54	-116.54	-3.002	-82.54	-116.54
-2.723	-78.65	-109.57	-2.763	-79.96	-111.93	-2.803	-81.28	-114.31	-2.843	-82.61	-116.70	-2.883	-81.32	-114.37	-2.923	-82.61	-116.70	-2.963	-82.61	-116.70	-3.003	-82.61	-116.70
-2.724	-78.68	-109.63	-2.764	-80.00	-111.99	-2.804	-81.32	-114.43	-2.844	-82.64	-116.76	-2.884	-81.35	-114.43	-2.924	-82.64	-116.76	-2.964	-82.64	-116.76	-3.004	-82.64	-116.76
-2.725	-78.71	-109.69	-2.765	-80.03	-112.05	-2.805	-81.35	-114.49	-2.845	-82.68	-116.82	-2.885	-81.38	-114.49	-2.925	-82.68	-116.82	-2.965	-82.68	-116.82	-3.005	-82.68	-116.82
-2.726	-78.75	-109.74	-2.766	-80.06	-112.11	-2.806	-81.38	-114.55	-2.846	-82.71	-116.88	-2.886	-81.42	-114.55	-2.926	-82.71	-116.88	-2.966	-82.71	-116.88	-3.006	-82.71	-116.88
-2.727	-78.78	-109.80	-2.767	-80.09	-112.17	-2.807	-81.42	-114.61	-2.847	-82.74	-116.94	-2.887	-81.45	-114.61	-2.927	-82.74	-116.94	-2.967	-82.74	-116.94	-3.007	-82.74	-116.94
-2.728	-78.81	-109.86	-2.768	-80.13	-112.23	-2.808	-81.45	-114.67	-2.848	-82.76	-117.00	-2.888	-81.48	-114.67	-2.928	-82.76	-117.00	-2.968	-82.76	-117.00	-3.008	-82.76	-117.00
-2.729	-78.85	-109.92	-2.769	-80.16	-112.29	-2.809	-81.48	-114.73	-2.849	-82.81	-117.06	-2.889	-81.52	-114.73	-2.929	-82.81	-117.06	-2.969	-82.81	-117.06	-3.009	-82.81	-117.06
-2.730	-78.98	-109.98	-2.770	-80.19	-112.35	-2.810	-81.52	-114.73	-2.850	-82.84	-117.12	-2.890	-81.55	-114.79	-2.930	-82.84	-117.12	-2.970	-82.84	-117.12	-3.009	-82.84	-117.12
-2.731	-78.91	-110.04	-2.771	-80.23	-112.41	-2.811	-81.55	-114.85	-2.851	-82.86	-117.18	-2.891	-81.58	-114.91	-2.931	-82.86	-117.18	-2.971	-82.86	-117.18	-3.009	-82.86	-117.18
-2.732	-78.94	-110.10	-2.772	-80.26	-112.47	-2.812	-81.58	-114.95	-2.852	-82.91	-117.24	-2.892	-81.61	-114.97	-2.932	-82.91	-117.24	-2.972	-82.91	-117.24	-3.009	-82.91	-117.24
-2.733	-78.98	-110.16	-2.773	-80.29	-112.53	-2.813	-81.61	-114.97	-2.853	-82.94	-117.30	-2.893	-81.64	-115.00	-2.933	-82.94	-117.30	-2.973	-82.94	-117.30	-3.009	-82.94	-117.30
-2.734	-79.01	-110.22	-2.774	-80.33	-112.59	-2.814	-81.65	-114.97	-2.854	-82.98	-117.36	-2.894	-81.68	-115.03	-2.934	-82.98	-117.36	-2.974	-82.98	-117.36	-3.009	-82.98	-117.36
-2.735	-79.04	-110.28	-2.775	-80.36	-112.65	-2.815	-81.68	-115.03	-2.855	-83.04	-117.42	-2.895	-81.71	-115.09	-2.935	-83.04	-117.42	-2.975	-83.04	-117.42	-3.009	-83.04	-117.42
-2.736	-79.07	-110.33	-2.776	-80.39	-112.70	-2.816	-81.71	-115.15	-2.856	-83.08	-117.54	-2.896	-81.75	-115.15	-2.936	-83.08	-117.54	-2.976	-83.08	-117.54	-3.009	-83.08	-117.54
-2.737	-79.11	-110.39	-2.777	-80.42	-112.76	-2.817	-81.75	-115.15	-2.857	-83.11	-117.60	-2.897	-81.78	-115.21	-2.937	-83.11	-117.60	-2.977	-83.11	-117.60	-3.009	-83.11	-117.60
-2.738	-79.14	-110.45	-2.778	-80.46	-112.82	-2.818	-81.80	-115.26	-2.858	-83.14	-117.66	-2.898	-81.81	-115.26	-2.938	-83.14	-117.66	-2.978	-83.14	-117.66	-3.009	-83.14	-117.66
-2.739	-79.17	-110.51	-2.779	-80.49	-112.88	-2.819	-81.81	-115.32	-2.859	-83.18	-117.72	-2.899	-81.85	-115.32	-2.939	-83.18	-117.72	-2.979	-83.18	-117.72	-3.009	-83.18	-117.72
-2.740	-79.21	-110.57	-2.780	-80.52	-112.94	-2.820	-81.95	-115.32	-2.860	-83.21	-117.78	-2.900	-81.98	-115.38	-2.940	-83.21	-117.78	-2.980	-83.21	-117.78	-3.009	-83.21	-117.78
-2.741	-79.24	-110.63	-2.791	-80.56	-113.00	-2.821	-82.01	-115.43	-2.861	-83.24	-117.84	-2.901	-82.04	-115.44	-2.941	-83.24	-117.84	-2.981	-83.24	-117.84	-3.009	-83.24	-117.84
-2.742	-79.27	-110.69	-2.792	-80.59	-113.06	-2.822	-82.04	-115.44	-2.862	-83.28	-117.90	-2.902	-82.07	-115.50	-2.942	-83.28	-117.90	-2.982	-83.28	-117.90	-3.009	-83.28	-117.90
-2.743	-79.30	-110.75	-2.793	-80.62	-113.12	-2.823	-82.07	-115.50	-2.863	-83.31	-117.96	-2.903	-82.10	-115.56	-2.943	-83.31	-117.96	-2.983	-83.31	-117.96	-3.009	-83.31	-117.96
-2.744	-79.34	-110.81	-2.794	-80.66	-113.18	-2.824	-82.10	-115.56	-2.864	-83.34	-118.02	-2.904	-82.13	-115.62	-2.944	-83.34	-118.02	-2.984	-83.34	-118.02	-3.009	-83.34	-118.02
-2.745	-79.37	-110.87	-2.795	-80.69	-113.24	-2.825	-82.14	-115.62	-2.865	-83.38	-118.08	-2.905	-82.16	-115.68	-2.945	-83.38	-118.08	-2.985	-83.38	-118.08	-3.009	-83.38	-118.08
-2.746	-79.40	-110.93	-2.796	-80.72	-113.30	-2.826	-82.16	-115.68	-2.866	-83.41	-118.14	-2.906	-82.18	-115.74	-2.946	-83.41	-118.14	-2.986	-83.41	-118.14	-3.009	-83.41	-118.14
-2.747	-79.44	-110.99	-2.797	-80.75	-113.36	-2.827	-82.18	-115.74	-2.867	-83.44	-118.20	-2.907	-82.21	-115.80	-2.947	-83.44	-118.20	-2.987	-83.44	-118.20	-3.009	-83.44	-118.20
-2.748	-79.47	-111.04	-2.798	-80.79	-113.42	-2.828	-82.21	-115.80	-2.868	-83.48	-118.26	-2.908	-82.24	-115.86	-2.948	-83.48	-118.26	-2.988	-83.48	-118.26	-3.009	-83.48	-118.26
-2.749	-79.50	-111.10	-2.799	-80.82	-113.46	-2.829	-82.25	-115.92	-2.869	-83.51	-118.32	-2.909	-82.28	-115.98	-2.949	-83.51	-118.32	-2.989	-83.51	-118.32	-3.009	-83.51	-118.32
-2.750	-79.54	-111.16	-2.790	-80.85	-113.54	-2.830	-82.30	-116.02	-2.870	-83.54	-118.38	-2.910	-82.31	-116.04	-2.950	-83.54	-118.38	-2.990	-83.54	-118.38	-3.009	-83.54	-118.38
-2.751	-79.57	-111.22	-2.791	-80.89	-113.60	-2.831	-82.31	-116.04	-2.871	-83.58	-118.44	-2.911	-82.32	-116.06	-2.951	-83.58	-118.44	-2.991	-83.58	-118.44	-3.009	-83.58	-118.44
-2.752	-79.60	-111.28	-2.792	-80.92	-113.66	-2.832	-82.32	-116.04	-2.872	-83.62	-118.48	-2.912	-82.33	-116.08	-2.952	-83.62	-118.48	-2.992	-83.62	-118.48	-3.009	-83.62	-118.48
-2.753	-79.63	-111.34	-2.793	-80.95	-113.72	-2.833	-82.33	-116.10	-2.873	-83.65	-118.50	-2.913	-82.34	-116.10	-2.953	-83.65	-118.50	-2.993	-83.65	-118.50	-3.009	-83.65	-118.50
-2.754	-79.67	-111.40	-2.794	-80.99	-113.77	-2.834	-82.34	-116.16	-2.874	-83.68	-118.54	-2.914	-82.35	-116.22	-2.954	-83.68	-118.54	-2.994	-83.68	-118.54	-3.009	-83.68	-118.54
-2.755	-79.70	-111.46	-2.795	-81.02	-113.83	-2.835	-82.34	-116.22	-2.875	-83.72	-118.62	-2.915	-82.35	-116.28	-2.955	-83.72	-118.62	-2.995	-83.72	-118.62	-3.009	-83.72	-118.62
-2.756	-79.73	-111.52	-2.796	-81.05	-113.89	-2.836	-82.35	-116.28	-2.876	-83.74	-118.66	-2.916	-82.36	-116.34	-2.956	-83.74	-118.66	-2.996	-83.74	-118.66	-3.009	-83.74	-118.66
-2.757	-79.77	-111.58	-2.797	-81.09	-113.95	-2.837	-82.36	-116.34	-2.877	-83.77	-118.68	-2.917	-82.37	-116.40	-2.957	-83.77	-118.68	-2.997	-83.77	-118.68	-3.009	-83.77	-118.68
-2.758	-79.80	-111.64	-2.798	-81.12	-114.01	-2.838	-82.36	-116.40	-2.878	-83.80	-118.72	-2.918	-82.38	-116.46	-2.958	-83.80	-118.72	-2.998	-83.80	-118.72	-3.009	-83.80	-118.72
-2.759	-79.83	-111.70	-2.799	-81.15	-114.07	-2.839	-82.37	-116.46	-2.879	-83.84	-118.76	-2.919	-82.39	-116.52	-2.959	-83.84	-118.76	-2.999	-83.84	-118.76	-3.009	-83.84	-118.76

MV	C	F	MV	C	F									
-2.880	-83.94	-118.92	-2.920	-85.18	-121.33	-2.960	-86.53	-123.76	-3.000	-87.88	-126.19			
-2.881	-83.88	-118.98	-2.921	-85.22	-121.39	-2.961	-86.56	-123.82	-3.001	-87.92	-126.25			
-2.882	-83.91	-119.04	-2.922	-85.25	-121.45	-2.962	-86.60	-123.88	-3.002	-87.95	-126.31			
-2.883	-83.94	-119.10	-2.923	-85.29	-121.51	-2.963	-86.63	-123.94	-3.003	-87.99	-126.36			
-2.884	-83.98	-119.16	-2.924	-85.32	-121.57	-2.964	-86.67	-124.00	-3.004	-88.02	-126.44			
-2.885	-84.01	-119.22	-2.925	-85.35	-121.63	-2.965	-86.70	-124.06	-3.005	-88.05	-126.50			
-2.886	-84.04	-119.28	-2.926	-85.39	-121.69	-2.966	-86.73	-124.12	-3.006	-88.09	-126.56			
-2.887	-84.08	-119.34	-2.927	-85.42	-121.76	-2.967	-86.77	-124.18	-3.007	-88.12	-126.62			
-2.888	-84.11	-119.40	-2.928	-85.45	-121.82	-2.968	-86.80	-124.24	-3.008	-88.16	-126.68			
-2.889	-84.15	-119.46	-2.929	-85.49	-121.88	-2.969	-86.84	-124.30	-3.009	-88.19	-126.74			
-2.890	-84.18	-119.52	-2.930	-85.52	-121.94	-2.970	-86.87	-124.36	-3.010	-88.22	-126.80			
-2.891	-84.21	-119.58	-2.931	-85.55	-122.00	-2.971	-86.90	-124.42	-3.011	-88.26	-126.87			
-2.892	-84.25	-119.64	-2.932	-85.59	-122.06	-2.972	-86.94	-124.49	-3.012	-88.29	-126.93			
-2.893	-84.28	-119.70	-2.933	-85.62	-122.12	-2.973	-86.97	-124.55	-3.013	-88.33	-126.99			
-2.894	-84.31	-119.76	-2.934	-85.65	-122.18	-2.974	-87.00	-124.61	-3.014	-88.36	-127.05			
-2.895	-84.35	-119.82	-2.935	-85.69	-122.24	-2.975	-87.04	-124.67	-3.015	-88.39	-127.11			
-2.896	-84.38	-119.88	-2.936	-85.72	-122.30	-2.976	-87.07	-124.73	-3.016	-88.43	-127.17			
-2.897	-84.41	-119.94	-2.937	-85.76	-122.36	-2.977	-87.11	-124.79	-3.017	-88.46	-127.23			
-2.898	-84.45	-120.00	-2.938	-85.79	-122.42	-2.978	-87.14	-124.85	-3.018	-88.50	-127.29			
-2.899	-84.48	-120.06	-2.939	-85.82	-122.48	-2.979	-87.17	-124.91	-3.019	-88.53	-127.35			
-2.900	-84.51	-120.12	-2.940	-85.86	-122.54	-2.980	-87.21	-124.97	-3.020	-88.56	-127.42			
-2.901	-84.55	-120.18	-2.941	-85.89	-122.60	-2.981	-87.24	-125.03	-3.021	-88.60	-127.48			
-2.902	-84.58	-120.24	-2.942	-85.92	-122.66	-2.982	-87.27	-125.09	-3.022	-88.63	-127.54			
-2.903	-84.61	-120.31	-2.943	-85.96	-122.72	-2.983	-87.31	-125.16	-3.023	-88.67	-127.60			
-2.904	-84.65	-120.37	-2.944	-85.99	-122.78	-2.984	-87.34	-125.22	-3.024	-88.70	-127.66			
-2.905	-84.68	-120.43	-2.945	-86.03	-122.85	-2.985	-87.38	-125.28	-3.025	-88.73	-127.72			
-2.906	-84.71	-120.49	-2.946	-86.06	-122.91	-2.986	-87.41	-125.34	-3.026	-88.77	-127.78			
-2.907	-84.75	-120.55	-2.947	-86.09	-122.97	-2.987	-87.44	-125.40	-3.027	-88.80	-127.84			
-2.908	-84.78	-120.61	-2.948	-86.13	-123.03	-2.988	-87.48	-125.46	-3.028	-88.84	-127.91			
-2.909	-84.82	-120.67	-2.949	-86.16	-123.09	-2.989	-87.51	-125.52	-3.029	-88.87	-127.97			
-2.910	-84.85	-120.73	-2.950	-86.19	-123.15	-2.990	-87.55	-125.58	-3.030	-88.90	-128.03			
-2.911	-84.88	-120.79	-2.951	-86.23	-123.21	-2.991	-87.58	-125.64	-3.031	-88.94	-128.09			
-2.912	-84.92	-120.85	-2.952	-86.26	-123.27	-2.992	-87.61	-125.70	-3.032	-88.97	-128.15			
-2.913	-84.95	-120.91	-2.953	-86.29	-123.33	-2.993	-87.65	-125.77	-3.033	-89.01	-128.21			
-2.914	-84.98	-120.97	-2.954	-86.33	-123.39	-2.994	-87.68	-125.83	-3.034	-89.04	-128.27			
-2.915	-85.02	-121.03	-2.955	-86.36	-123.45	-2.995	-87.72	-125.89	-3.035	-89.08	-128.34			
-2.916	-85.05	-121.09	-2.956	-86.40	-123.51	-2.996	-87.75	-125.95	-3.036	-89.11	-128.40			
-2.917	-85.08	-121.15	-2.957	-86.43	-123.57	-2.997	-87.78	-126.01	-3.037	-89.14	-128.46			
-2.918	-85.12	-121.21	-2.958	-86.46	-123.63	-2.998	-87.82	-126.07	-3.038	-89.18	-128.52			
-2.919	-85.15	-121.27	-2.959	-86.50	-123.70	-2.999	-87.85	-126.13	-3.039	-89.21	-128.56			

	MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F
-3.040	-89.25	-126.94	-3.080	-90.61	-131.10	-3.120	-91.99	-133.58	-3.160	-93.37	-136.07	-3.160	-93.41	-136.13	-3.161	-93.44	-136.19	-3.162	-93.48	-136.26	-3.163	-93.51	-136.32	-3.164	-93.54	-136.38	
-3.041	-89.28	-126.70	-3.081	-90.65	-131.17	-3.121	-92.02	-133.64	-3.161	-93.41	-136.13	-3.162	-93.46	-136.19	-3.163	-93.50	-136.26	-3.163	-93.54	-136.32	-3.164	-93.58	-136.44	-3.165	-93.61	-136.51	
-3.042	-89.31	-126.76	-3.082	-90.68	-131.23	-3.122	-92.06	-133.70	-3.162	-93.44	-136.19	-3.163	-93.48	-136.26	-3.163	-93.52	-136.32	-3.164	-93.55	-136.40	-3.165	-93.58	-136.46	-3.166	-93.62	-136.52	
-3.043	-89.35	-128.83	-3.083	-90.72	-131.29	-3.123	-92.09	-133.77	-3.163	-93.48	-136.26	-3.163	-93.52	-136.32	-3.164	-93.55	-136.40	-3.165	-93.58	-136.46	-3.166	-93.62	-136.52	-3.167	-93.65	-136.57	
-3.044	-89.38	-129.89	-3.084	-90.75	-131.35	-3.124	-92.13	-133.83	-3.164	-93.51	-136.32	-3.164	-93.54	-136.38	-3.165	-93.58	-136.44	-3.166	-93.62	-136.52	-3.167	-93.65	-136.57	-3.168	-93.68	-136.63	
-3.045	-89.42	-128.95	-3.085	-90.79	-131.41	-3.125	-92.16	-133.89	-3.165	-93.54	-136.38	-3.165	-93.58	-136.44	-3.166	-93.62	-136.52	-3.167	-93.65	-136.58	-3.168	-93.68	-136.63	-3.169	-93.72	-136.69	
-3.046	-89.45	-129.01	-3.086	-90.82	-131.47	-3.126	-92.20	-133.95	-3.166	-93.58	-136.44	-3.166	-93.62	-136.52	-3.167	-93.65	-136.58	-3.168	-93.68	-136.62	-3.169	-93.72	-136.69	-3.170	-93.75	-136.76	
-3.047	-89.48	-129.07	-3.087	-90.85	-131.54	-3.127	-92.23	-134.01	-3.167	-93.61	-136.51	-3.167	-93.64	-136.57	-3.168	-93.65	-136.58	-3.169	-93.68	-136.62	-3.170	-93.73	-136.76	-3.171	-93.77	-136.82	
-3.048	-89.52	-129.13	-3.088	-90.89	-131.60	-3.128	-92.26	-134.06	-3.168	-93.65	-136.57	-3.168	-93.68	-136.62	-3.169	-93.69	-136.63	-3.170	-93.73	-136.68	-3.171	-93.77	-136.76	-3.172	-93.82	-136.88	
-3.049	-89.55	-129.19	-3.089	-90.92	-131.66	-3.129	-92.30	-134.14	-3.169	-93.68	-136.63	-3.169	-93.71	-136.69	-3.170	-93.75	-136.76	-3.171	-93.79	-136.82	-3.172	-93.83	-136.88	-3.173	-93.86	-136.94	
-3.050	-89.59	-129.26	-3.090	-90.96	-131.72	-3.130	-92.33	-134.20	-3.170	-93.72	-136.69	-3.170	-93.76	-136.76	-3.171	-93.80	-136.84	-3.172	-93.84	-136.88	-3.173	-93.88	-136.94	-3.174	-93.92	-136.98	
-3.051	-89.62	-129.32	-3.091	-90.99	-131.78	-3.131	-92.37	-134.26	-3.171	-93.75	-136.76	-3.171	-93.79	-136.82	-3.172	-93.83	-136.88	-3.173	-93.87	-136.92	-3.174	-93.91	-136.98	-3.175	-93.95	-137.01	
-3.052	-89.66	-129.38	-3.092	-91.03	-131.85	-3.132	-92.40	-134.33	-3.172	-93.79	-136.82	-3.172	-93.83	-136.88	-3.173	-93.87	-136.92	-3.174	-93.91	-136.96	-3.175	-93.95	-137.01	-3.176	-93.98	-137.07	
-3.053	-89.69	-129.44	-3.093	-91.06	-131.91	-3.133	-92.44	-134.39	-3.173	-93.82	-136.88	-3.173	-93.86	-136.94	-3.174	-93.90	-136.98	-3.175	-93.94	-137.01	-3.176	-93.98	-137.07	-3.177	-94.00	-137.13	
-3.054	-89.72	-129.50	-3.094	-91.09	-131.97	-3.134	-92.47	-134.45	-3.174	-93.86	-136.94	-3.174	-93.90	-136.98	-3.175	-93.94	-137.01	-3.176	-93.98	-137.07	-3.177	-94.00	-137.13	-3.178	-94.03	-137.26	
-3.055	-89.76	-129.56	-3.095	-91.13	-132.03	-3.135	-92.51	-134.51	-3.175	-93.89	-136.99	-3.175	-93.93	-137.01	-3.176	-94.00	-137.07	-3.177	-94.04	-137.13	-3.178	-94.08	-137.26	-3.179	-94.12	-137.32	
-3.056	-89.79	-129.63	-3.096	-91.16	-132.09	-3.136	-92.54	-134.57	-3.176	-93.93	-137.01	-3.176	-94.00	-137.07	-3.177	-94.06	-137.13	-3.178	-94.10	-137.19	-3.179	-94.14	-137.26	-3.180	-94.18	-137.32	
-3.057	-89.83	-129.69	-3.097	-91.20	-132.15	-3.137	-92.58	-134.64	-3.177	-93.96	-137.13	-3.177	-94.00	-137.19	-3.178	-94.04	-137.26	-3.179	-94.08	-137.26	-3.180	-94.12	-137.32	-3.181	-94.16	-137.38	
-3.058	-89.86	-129.75	-3.098	-91.23	-132.22	-3.138	-92.61	-134.70	-3.178	-94.00	-137.19	-3.178	-94.04	-137.26	-3.179	-94.08	-137.26	-3.180	-94.12	-137.26	-3.181	-94.16	-137.32	-3.182	-94.20	-137.38	
-3.059	-89.89	-129.81	-3.099	-91.27	-132.28	-3.139	-92.64	-134.76	-3.179	-94.03	-137.26	-3.179	-94.07	-137.32	-3.180	-94.11	-137.38	-3.181	-94.15	-137.44	-3.182	-94.19	-137.44	-3.183	-94.21	-137.51	
-3.060	-89.93	-129.87	-3.100	-91.30	-132.34	-3.140	-92.68	-134.82	-3.180	-94.07	-137.32	-3.180	-94.11	-137.38	-3.181	-94.15	-137.41	-3.182	-94.19	-137.44	-3.183	-94.21	-137.51	-3.184	-94.25	-137.57	
-3.061	-89.96	-129.93	-3.101	-91.33	-132.40	-3.141	-92.71	-134.88	-3.181	-94.10	-137.38	-3.181	-94.14	-137.44	-3.182	-94.18	-137.51	-3.183	-94.22	-137.57	-3.184	-94.26	-137.63	-3.185	-94.30	-137.69	
-3.062	-90.00	-129.99	-3.102	-91.37	-132.46	-3.142	-92.75	-134.95	-3.182	-94.14	-137.44	-3.182	-94.18	-137.51	-3.183	-94.22	-137.57	-3.184	-94.26	-137.63	-3.185	-94.30	-137.69	-3.186	-94.34	-137.76	
-3.063	-90.03	-130.06	-3.103	-91.40	-132.53	-3.143	-92.78	-135.01	-3.183	-94.17	-137.51	-3.183	-94.21	-137.57	-3.184	-94.25	-137.63	-3.185	-94.31	-137.69	-3.186	-94.35	-137.76	-3.187	-94.38	-137.82	
-3.064	-90.07	-130.12	-3.104	-91.44	-132.59	-3.144	-92.82	-135.07	-3.184	-94.20	-137.57	-3.184	-94.24	-137.63	-3.185	-94.28	-137.69	-3.186	-94.32	-137.76	-3.187	-94.36	-137.82	-3.188	-94.40	-137.88	
-3.065	-90.10	-130.18	-3.105	-91.47	-132.65	-3.145	-92.85	-135.13	-3.185	-94.24	-137.63	-3.185	-94.28	-137.69	-3.186	-94.32	-137.76	-3.187	-94.36	-137.82	-3.188	-94.40	-137.88	-3.189	-94.44	-137.94	
-3.066	-90.13	-130.24	-3.106	-91.51	-132.71	-3.146	-92.89	-135.20	-3.186	-94.27	-137.69	-3.186	-94.31	-137.76	-3.187	-94.35	-137.82	-3.188	-94.38	-137.88	-3.189	-94.42	-137.94	-3.190	-94.46	-137.98	
-3.067	-90.17	-130.30	-3.107	-91.54	-132.77	-3.147	-92.92	-135.26	-3.187	-94.31	-137.76	-3.187	-94.35	-137.82	-3.188	-94.39	-137.88	-3.189	-94.43	-137.94	-3.190	-94.47	-137.98	-3.191	-94.51	-138.01	
-3.068	-90.20	-130.36	-3.108	-91.58	-132.84	-3.148	-92.96	-135.32	-3.188	-94.34	-137.82	-3.188	-94.38	-137.88	-3.189	-94.42	-137.94	-3.190	-94.46	-137.98	-3.191	-94.51	-138.01	-3.192	-94.55	-138.07	
-3.069	-90.24	-130.43	-3.109	-91.61	-132.90	-3.149	-92.99	-135.38	-3.189	-94.38	-137.88	-3.189	-94.42	-137.94	-3.190	-94.46	-138.01	-3.191	-94.51	-138.07	-3.192	-94.55	-138.13	-3.193	-94.58	-138.20	
-3.070	-90.27	-130.49	-3.110	-91.64	-132.96	-3.150	-93.03	-135.45	-3.190	-94.41	-137.94	-3.190	-94.45	-138.01	-3.191	-94.51	-138.07	-3.192	-94.55	-138.13	-3.193	-94.62	-138.32	-3.194	-94.66	-138.38	
-3.071	-90.31	-130.55	-3.111	-91.68	-133.02	-3.151	-93.06	-135.51	-3.191	-94.45	-138.01	-3.191	-94.51	-138.07	-3.192	-94.55	-138.13	-3.193	-94.62	-138.32	-3.194	-94.66	-138.38	-3.195	-94.71	-138.51	
-3.072	-90.34	-130.61	-3.112	-91.71	-133.08	-3.152	-93.09	-135.57	-3.192	-94.48	-138.04	-3.192	-94.52	-138.13	-3.193	-94.58	-138.20	-3.194	-94.62	-138.38	-3.195	-94.66	-138.45	-3.196	-94.71	-138.51	
-3.073	-90.37	-130.67	-3.113	-91.75	-133.15	-3.153	-93.13	-135.63	-3.193	-94.52	-138.08	-3.193	-94.58	-138.14	-3.194	-94.62	-138.20	-3.195	-94.66	-138.45	-3.196	-94.71	-138.51	-3.197	-94.74	-138.51	
-3.074	-90.41	-130.73	-3.114	-91.78	-133.21	-3.154	-93.16	-135.69	-3.194	-94.55	-138.11	-3.194	-94.58	-138.18	-3.195	-94.62	-138.24	-3.196	-94.66	-138.45	-3.197	-94.71	-138.51	-3.198	-94.74	-138.51	
-3.075	-90.44	-130.80	-3.115	-91.82	-133.27	-3.155	-93.20	-135.76	-3.195	-94.58	-138.14	-3.195	-94.62	-138.21	-3.196	-94.65	-138.24	-3.197	-94.68	-138.45	-3.198	-94.71	-138.51	-3.199	-94.74	-138.51	
-3.076	-90.48	-130.86	-3.116	-91.85	-133.33	-3.156	-93.23	-135.82	-3.196	-94.62	-138.17	-3.196	-94.65	-138.24	-3.197	-94.68	-138.27	-3.198	-94.71	-138.45	-3.199	-94.74	-138.51	-3.200	-94.75	-138.51	
-3.077	-90.51	-130.92	-3.117	-91.89	-133.39	-3.157	-93.27	-135.88	-3.197	-94.65	-138.20	-3.197	-94.68	-138.27	-3.198	-94.71	-138.30	-3.199	-94.74	-138.45	-3.200	-94.75	-138.51	-3.201	-94.78	-138.51	
-3.078	-90.54	-130.96	-3.118	-91.92	-133.46	-3.158	-93.30	-135.94	-3.198</td																		

MV	C	F									
-3.360	-100.40	-148.72	-3.400	-101.83	-151.39	-3.440	-103.27	-153.89	-3.480	-104.72	-156.50
-3.361	-100.44	-148.79	-3.401	-101.87	-151.36	-3.441	-103.31	-153.96	-3.481	-104.76	-156.56
-3.362	-100.47	-148.85	-3.402	-101.91	-151.43	-3.442	-103.34	-154.02	-3.482	-104.79	-156.63
-3.363	-100.51	-148.92	-3.403	-101.94	-151.49	-3.443	-103.38	-154.09	-3.483	-104.83	-156.69
-3.364	-100.55	-148.98	-3.404	-101.98	-151.56	-3.444	-103.42	-154.15	-3.484	-104.87	-156.76
-3.365	-100.58	-149.05	-3.405	-102.01	-151.62	-3.445	-103.45	-154.22	-3.485	-104.90	-156.82
-3.366	-100.62	-149.11	-3.406	-102.05	-151.69	-3.446	-103.49	-154.28	-3.486	-104.94	-156.89
-3.367	-100.65	-149.17	-3.407	-102.08	-151.75	-3.447	-103.53	-154.35	-3.487	-104.98	-156.96
-3.368	-100.59	-149.24	-3.408	-102.12	-151.82	-3.448	-103.56	-154.41	-3.488	-105.01	-157.02
-3.369	-100.72	-149.30	-3.409	-102.16	-151.86	-3.449	-103.56	-154.48	-3.489	-105.05	-157.09
-3.370	-100.76	-149.37	-3.410	-102.19	-151.95	-3.450	-103.63	-154.54	-3.490	-105.08	-157.15
-3.371	-100.80	-149.43	-3.411	-102.23	-152.01	-3.451	-103.57	-154.61	-3.491	-105.12	-157.22
-3.372	-100.93	-149.50	-3.412	-102.26	-152.08	-3.452	-103.71	-154.67	-3.492	-105.16	-157.28
-3.373	-100.97	-149.56	-3.413	-102.30	-152.14	-3.453	-103.74	-154.74	-3.493	-105.19	-157.35
-3.374	-100.90	-149.62	-3.414	-102.34	-152.21	-3.454	-103.78	-154.80	-3.494	-105.23	-157.41
-3.375	-100.94	-149.69	-3.415	-102.37	-152.27	-3.455	-103.81	-154.87	-3.495	-105.27	-157.48
-3.376	-100.97	-149.75	-3.416	-102.41	-152.33	-3.456	-103.85	-154.93	-3.496	-105.30	-157.54
-3.377	-101.01	-149.82	-3.417	-102.44	-152.40	-3.457	-103.89	-155.00	-3.497	-105.34	-157.61
-3.378	-101.05	-149.88	-3.418	-102.48	-152.46	-3.458	-103.92	-155.06	-3.498	-105.38	-157.68
-3.379	-101.08	-149.95	-3.419	-102.52	-152.53	-3.459	-103.96	-155.13	-3.499	-105.41	-157.74
-3.380	-101.12	-150.01	-3.420	-102.55	-152.59	-3.460	-104.00	-155.19	-3.500	-105.45	-157.81
-3.381	-101.15	-150.07	-3.421	-102.59	-152.66	-3.461	-104.03	-155.26	-3.501	-105.48	-157.87
-3.382	-101.19	-150.14	-3.422	-102.62	-152.72	-3.462	-104.07	-155.32	-3.502	-105.52	-157.94
-3.383	-101.22	-150.20	-3.423	-102.66	-152.79	-3.463	-104.10	-155.39	-3.503	-105.56	-158.00
-3.384	-101.26	-150.27	-3.424	-102.70	-152.85	-3.464	-104.14	-155.45	-3.504	-105.59	-158.07
-3.385	-101.30	-150.33	-3.425	-102.73	-152.92	-3.465	-104.18	-155.52	-3.505	-105.63	-158.13
-3.386	-101.33	-150.40	-3.426	-102.77	-152.98	-3.466	-104.21	-155.58	-3.506	-105.67	-158.20
-3.387	-101.37	-150.46	-3.427	-102.80	-153.05	-3.467	-104.25	-155.65	-3.507	-105.70	-158.27
-3.388	-101.40	-150.53	-3.428	-102.84	-153.11	-3.468	-104.29	-155.71	-3.508	-105.74	-158.33
-3.389	-101.44	-150.59	-3.429	-102.88	-153.16	-3.469	-104.32	-155.78	-3.509	-105.78	-158.40
-3.390	-101.47	-150.65	-3.430	-102.91	-153.24	-3.470	-104.36	-155.84	-3.510	-105.81	-158.46
-3.391	-101.51	-150.72	-3.431	-102.95	-153.31	-3.471	-104.39	-155.91	-3.511	-105.85	-158.53
-3.392	-101.55	-150.78	-3.432	-102.98	-153.37	-3.472	-104.43	-155.97	-3.512	-105.89	-158.59
-3.393	-101.58	-150.85	-3.433	-103.02	-153.44	-3.473	-104.47	-156.04	-3.513	-105.92	-158.66
-3.394	-101.62	-150.91	-3.434	-103.06	-153.50	-3.474	-104.50	-156.11	-3.514	-105.96	-158.73
-3.395	-101.65	-150.98	-3.435	-103.09	-153.57	-3.475	-104.54	-156.17	-3.515	-106.00	-158.79
-3.396	-101.69	-151.04	-3.436	-103.13	-153.63	-3.476	-104.58	-156.24	-3.516	-106.03	-158.86
-3.397	-101.73	-151.11	-3.437	-103.16	-153.70	-3.477	-104.61	-156.30	-3.517	-106.07	-158.92
-3.398	-101.76	-151.17	-3.438	-103.20	-153.76	-3.478	-104.65	-156.37	-3.518	-106.10	-158.99
-3.399	-101.90	-151.24	-3.439	-103.24	-153.83	-3.479	-104.68	-156.43	-3.519	-106.14	-159.05

MV	C	F												
-3.520	-106.18	-159.12	-3.560	-107.64	-161.76	-3.600	-109.12	-164.42	-3.640	-110.60	-167.09	-3.641	-110.64	-167.16
-3.521	-106.21	-159.19	-3.561	-107.68	-161.83	-3.601	-109.16	-164.46	-3.642	-110.66	-167.22	-3.643	-110.72	-167.29
-3.522	-106.25	-159.25	-3.562	-107.72	-161.89	-3.602	-109.19	-164.55	-3.643	-110.68	-167.25	-3.644	-110.75	-167.36
-3.523	-106.29	-159.32	-3.563	-107.75	-161.96	-3.603	-109.23	-164.62	-3.644	-110.72	-167.20	-3.645	-110.79	-167.42
-3.524	-106.32	-159.38	-3.564	-107.79	-162.02	-3.604	-109.27	-164.68	-3.645	-110.75	-167.15	-3.646	-110.80	-167.49
-3.525	-106.36	-159.45	-3.565	-107.83	-162.09	-3.605	-109.30	-164.75	-3.646	-110.79	-167.13	-3.647	-110.83	-167.56
-3.526	-106.40	-159.52	-3.566	-107.86	-162.16	-3.606	-109.34	-164.82	-3.647	-110.82	-167.09	-3.648	-110.90	-167.63
-3.527	-106.43	-159.58	-3.567	-107.90	-162.22	-3.607	-109.38	-164.88	-3.649	-110.87	-167.04	-3.650	-110.94	-167.69
-3.528	-106.47	-159.65	-3.568	-107.94	-162.29	-3.608	-109.42	-164.95	-3.651	-110.90	-167.01	-3.652	-110.94	-167.69
-3.529	-106.51	-159.71	-3.569	-107.98	-162.36	-3.609	-109.45	-165.02	-3.653	-110.94	-167.04	-3.654	-110.98	-167.76
-3.530	-106.54	-159.76	-3.570	-108.01	-162.42	-3.610	-109.49	-165.08	-3.655	-110.98	-167.09	-3.656	-111.01	-167.83
-3.531	-106.58	-159.84	-3.571	-108.05	-162.49	-3.611	-109.53	-165.15	-3.657	-111.05	-167.89	-3.658	-111.09	-167.96
-3.532	-106.62	-159.91	-3.572	-108.09	-162.56	-3.612	-109.56	-165.22	-3.659	-111.09	-167.91	-3.660	-111.13	-168.03
-3.533	-106.65	-159.98	-3.573	-108.12	-162.62	-3.613	-109.60	-165.28	-3.661	-111.13	-168.10	-3.662	-111.16	-168.16
-3.534	-106.69	-160.04	-3.574	-108.16	-162.69	-3.614	-109.64	-165.35	-3.663	-111.16	-168.23	-3.664	-111.20	-168.29
-3.535	-106.73	-160.11	-3.575	-108.20	-162.75	-3.615	-109.68	-165.42	-3.665	-111.24	-168.35	-3.666	-111.28	-168.41
-3.536	-106.76	-160.17	-3.576	-108.23	-162.82	-3.616	-109.71	-165.48	-3.667	-111.20	-168.41	-3.668	-111.24	-168.47
-3.537	-106.80	-160.24	-3.577	-108.27	-162.89	-3.617	-109.75	-165.55	-3.669	-111.24	-168.53	-3.670	-111.28	-168.59
-3.538	-106.84	-160.31	-3.578	-108.31	-162.95	-3.618	-109.79	-165.62	-3.671	-111.28	-168.59	-3.672	-111.31	-168.65
-3.539	-106.87	-160.37	-3.579	-108.34	-163.02	-3.619	-109.82	-165.68	-3.673	-111.31	-168.66	-3.674	-111.35	-168.76
-3.540	-106.91	-160.44	-3.580	-108.38	-163.09	-3.620	-109.86	-165.75	-3.676	-111.35	-168.43	-3.677	-111.39	-168.50
-3.541	-106.95	-160.50	-3.581	-108.42	-163.15	-3.621	-109.90	-165.82	-3.678	-111.43	-168.57	-3.679	-111.46	-168.63
-3.542	-106.98	-160.57	-3.582	-108.45	-163.22	-3.622	-109.94	-165.88	-3.680	-111.46	-168.70	-3.681	-111.50	-168.76
-3.543	-107.02	-160.64	-3.583	-108.49	-163.28	-3.623	-109.97	-165.95	-3.682	-111.54	-168.81	-3.683	-111.58	-168.87
-3.544	-107.06	-160.70	-3.584	-108.53	-163.35	-3.624	-110.01	-166.02	-3.684	-111.60	-168.87	-3.685	-111.64	-168.93
-3.545	-107.09	-160.77	-3.585	-108.57	-163.42	-3.625	-110.05	-166.08	-3.686	-111.65	-168.94	-3.687	-111.69	-168.99
-3.546	-107.13	-160.83	-3.586	-108.60	-163.48	-3.626	-110.08	-166.15	-3.688	-111.70	-169.04	-3.689	-111.74	-169.09
-3.547	-107.17	-160.90	-3.587	-108.64	-163.55	-3.627	-110.12	-166.22	-3.689	-111.74	-169.09	-3.690	-111.78	-169.15
-3.548	-107.20	-160.97	-3.588	-108.68	-163.62	-3.628	-110.16	-166.28	-3.691	-111.82	-169.15	-3.692	-111.86	-169.21
-3.549	-107.24	-161.03	-3.589	-108.71	-163.68	-3.629	-110.20	-166.35	-3.693	-111.86	-169.24	-3.694	-111.90	-169.29
-3.550	-107.28	-161.10	-3.590	-108.75	-163.75	-3.630	-110.23	-166.42	-3.695	-111.73	-169.11	-3.696	-111.76	-169.17
-3.551	-107.31	-161.16	-3.591	-108.79	-163.82	-3.631	-110.27	-166.49	-3.697	-111.80	-169.24	-3.698	-111.84	-169.31
-3.552	-107.35	-161.23	-3.592	-108.82	-163.88	-3.632	-110.31	-166.55	-3.699	-111.88	-169.37	-3.700	-111.92	-169.44
-3.553	-107.39	-161.30	-3.593	-108.86	-163.95	-3.633	-110.34	-166.62	-3.701	-111.94	-169.51	-3.702	-111.98	-169.58
-3.554	-107.42	-161.36	-3.594	-108.90	-164.02	-3.634	-110.38	-166.69	-3.703	-112.02	-169.64	-3.704	-112.06	-169.71
-3.555	-107.46	-161.43	-3.595	-108.93	-164.08	-3.635	-110.42	-166.75	-3.705	-112.07	-169.71	-3.706	-112.09	-169.75
-3.556	-107.50	-161.49	-3.596	-108.97	-164.15	-3.636	-110.46	-166.82	-3.707	-112.11	-169.75	-3.708	-112.13	-169.79
-3.557	-107.53	-161.56	-3.597	-109.01	-164.22	-3.637	-110.49	-166.89	-3.709	-112.15	-169.81	-3.710	-112.17	-169.85
-3.558	-107.57	-161.63	-3.598	-109.05	-164.28	-3.638	-110.53	-166.95	-3.711	-112.02	-169.86	-3.712	-112.04	-169.89
-3.559	-107.61	-161.69	-3.599	-109.08	-164.35	-3.639	-110.57	-167.02	-3.713	-112.06	-169.91	-3.714	-112.08	-169.95

MV	C	F												
-3.680	-112.10	-169.78	-3.720	-113.60	-172.49	-3.760	-115.12	-175.22	-3.800	-116.65	-177.96	-3.680	-112.14	-169.85
-3.681	-112.14	-169.85	-3.721	-113.64	-172.56	-3.761	-115.16	-175.28	-3.801	-116.68	-178.03	-3.681	-112.17	-169.91
-3.682	-112.17	-169.91	-3.722	-113.68	-172.62	-3.762	-115.20	-175.35	-3.802	-116.72	-178.10	-3.682	-112.21	-169.98
-3.683	-112.21	-169.98	-3.723	-113.72	-172.69	-3.763	-115.23	-175.42	-3.803	-116.76	-178.17	-3.683	-112.25	-170.05
-3.684	-112.25	-170.05	-3.724	-113.76	-172.76	-3.764	-115.27	-175.49	-3.804	-116.80	-178.24	-3.684	-112.29	-170.12
-3.685	-112.29	-170.12	-3.725	-113.79	-172.83	-3.765	-115.31	-175.56	-3.805	-116.84	-178.31	-3.685	-112.32	-170.18
-3.686	-112.32	-170.18	-3.726	-113.83	-172.90	-3.766	-115.35	-175.63	-3.806	-116.88	-178.36	-3.686	-112.36	-170.25
-3.687	-112.36	-170.25	-3.727	-113.87	-172.96	-3.767	-115.39	-175.69	-3.807	-116.91	-178.44	-3.687	-112.40	-170.32
-3.688	-112.40	-170.32	-3.728	-113.91	-173.03	-3.768	-115.42	-175.76	-3.808	-116.95	-178.51	-3.688	-112.44	-170.39
-3.689	-112.44	-170.39	-3.729	-113.94	-173.10	-3.769	-115.46	-175.83	-3.809	-116.99	-178.58	-3.689	-112.48	-170.46
-3.690	-112.48	-170.46	-3.730	-113.98	-173.17	-3.770	-115.50	-175.90	-3.810	-117.03	-178.65	-3.690	-112.51	-170.52
-3.691	-112.51	-170.52	-3.731	-114.02	-173.24	-3.771	-115.54	-175.97	-3.811	-117.07	-178.72	-3.691	-112.55	-170.59
-3.692	-112.55	-170.59	-3.732	-114.06	-173.30	-3.772	-115.58	-176.04	-3.812	-117.11	-178.79	-3.692	-112.59	-170.66
-3.693	-112.59	-170.66	-3.733	-114.10	-173.37	-3.773	-115.61	-176.11	-3.813	-117.14	-178.86	-3.693	-112.63	-170.73
-3.694	-112.63	-170.73	-3.734	-114.13	-173.44	-3.774	-115.65	-176.17	-3.814	-117.16	-178.93	-3.694	-112.66	-170.79
-3.695	-112.66	-170.79	-3.735	-114.17	-173.51	-3.775	-115.69	-176.24	-3.815	-117.22	-179.00	-3.695	-112.70	-170.86
-3.696	-112.70	-170.86	-3.736	-114.21	-173.58	-3.776	-115.73	-176.31	-3.816	-117.26	-179.07	-3.696	-112.74	-170.93
-3.697	-112.74	-170.93	-3.737	-114.25	-173.65	-3.777	-115.77	-176.38	-3.817	-117.30	-179.13	-3.697	-112.78	-171.00
-3.698	-112.78	-171.00	-3.738	-114.29	-173.71	-3.778	-115.81	-176.45	-3.818	-117.34	-179.20	-3.698	-112.81	-171.06
-3.699	-112.81	-171.06	-3.739	-114.32	-173.78	-3.779	-115.84	-176.52	-3.819	-117.37	-179.27	-3.699	-112.95	-171.13
-3.700	-112.95	-171.13	-3.740	-114.36	-173.85	-3.780	-115.98	-176.59	-3.820	-117.41	-179.34	-3.700	-112.99	-171.20
-3.701	-112.99	-171.20	-3.741	-114.40	-173.92	-3.781	-115.92	-176.65	-3.821	-117.45	-179.41	-3.701	-112.93	-171.27
-3.702	-112.93	-171.27	-3.742	-114.44	-173.99	-3.782	-115.96	-176.72	-3.822	-117.49	-179.48	-3.702	-112.96	-171.33
-3.703	-112.96	-171.33	-3.743	-114.47	-174.05	-3.783	-116.00	-176.79	-3.823	-117.53	-179.55	-3.703	-113.00	-171.40
-3.704	-113.00	-171.40	-3.744	-114.51	-174.12	-3.784	-116.03	-176.86	-3.824	-117.57	-179.62	-3.704	-113.04	-171.47
-3.705	-113.04	-171.47	-3.745	-114.55	-174.19	-3.785	-116.07	-176.93	-3.825	-117.60	-179.69	-3.705	-113.08	-171.54
-3.706	-113.08	-171.54	-3.746	-114.59	-174.26	-3.786	-116.11	-177.00	-3.826	-117.64	-179.76	-3.706	-113.11	-171.61
-3.707	-113.11	-171.61	-3.747	-114.63	-174.33	-3.787	-116.15	-177.07	-3.827	-117.68	-179.83	-3.707	-113.15	-171.67
-3.708	-113.15	-171.67	-3.748	-114.66	-174.40	-3.788	-116.19	-177.14	-3.828	-117.72	-179.90	-3.708	-113.19	-171.74
-3.709	-113.19	-171.74	-3.749	-114.70	-174.46	-3.789	-116.22	-177.20	-3.829	-117.76	-179.96	-3.709	-113.23	-171.81
-3.710	-113.23	-171.81	-3.750	-114.74	-174.53	-3.790	-116.26	-177.27	-3.830	-117.80	-180.03	-3.710	-113.27	-171.88
-3.711	-113.27	-171.88	-3.751	-114.78	-174.60	-3.791	-116.30	-177.34	-3.831	-117.84	-180.10	-3.711	-113.30	-171.95
-3.712	-113.30	-171.95	-3.752	-114.82	-174.67	-3.792	-116.34	-177.41	-3.832	-117.87	-180.17	-3.712	-113.34	-172.01
-3.713	-113.34	-172.01	-3.753	-114.85	-174.74	-3.793	-116.38	-177.48	-3.833	-117.91	-180.24	-3.713	-113.38	-172.08
-3.714	-113.38	-172.08	-3.754	-114.89	-174.81	-3.794	-116.42	-177.55	-3.834	-117.95	-180.31	-3.714	-113.42	-172.15
-3.715	-113.42	-172.15	-3.755	-114.93	-174.87	-3.795	-116.45	-177.62	-3.835	-117.99	-180.36	-3.715	-113.45	-172.22
-3.716	-113.45	-172.22	-3.756	-114.97	-174.94	-3.796	-116.49	-177.69	-3.836	-118.03	-180.45	-3.716	-113.49	-172.28
-3.717	-113.49	-172.28	-3.757	-115.01	-175.01	-3.797	-116.53	-177.76	-3.837	-118.07	-180.52	-3.717	-113.53	-172.35
-3.718	-113.53	-172.35	-3.758	-115.04	-175.08	-3.798	-116.57	-177.82	-3.838	-118.10	-180.59	-3.718	-113.56	-172.42
-3.719	-113.57	-172.42	-3.759	-115.08	-175.15	-3.799	-116.61	-177.89	-3.839	-118.14	-180.66	-3.719	-113.61	-172.47

N	V	C	F	MV	C	F	MV	C	F	MV	C	F
-3.640	-116.18	-160.73	-3.660	-119.73	-163.51	-3.920	-121.29	-186.32	-3.960	-122.66	-189.14	
-3.641	-116.22	-160.80	-3.661	-119.77	-163.56	-3.921	-121.33	-186.39	-3.961	-122.90	-189.22	
-3.642	-116.26	-160.87	-3.662	-119.81	-163.65	-3.922	-121.37	-186.46	-3.962	-122.94	-189.29	
-3.643	-116.30	-160.94	-3.663	-119.85	-163.72	-3.923	-121.41	-186.53	-3.963	-122.98	-189.36	
-3.644	-116.34	-161.00	-3.664	-119.88	-163.79	-3.924	-121.44	-186.60	-3.964	-123.02	-189.43	
-3.645	-116.37	-161.07	-3.665	-119.92	-163.86	-3.925	-121.48	-186.67	-3.965	-123.06	-189.50	
-3.646	-116.41	-161.14	-3.666	-119.96	-163.93	-3.926	-121.52	-186.74	-3.966	-123.09	-189.57	
-3.647	-116.45	-161.21	-3.667	-120.00	-164.00	-3.927	-121.56	-186.81	-3.967	-123.13	-189.64	
-3.648	-116.49	-161.26	-3.668	-120.04	-164.02	-3.928	-121.60	-186.88	-3.968	-123.17	-189.71	
-3.649	-116.53	-161.35	-3.669	-120.08	-164.14	-3.929	-121.64	-186.95	-3.969	-123.21	-189.78	
-3.650	-116.57	-161.42	-3.690	-120.12	-164.21	-3.930	-121.68	-187.02	-3.970	-123.25	-189.85	
-3.651	-116.61	-161.49	-3.691	-120.16	-164.28	-3.931	-121.72	-187.09	-3.971	-123.29	-189.93	
-3.652	-116.64	-161.56	-3.692	-120.20	-164.35	-3.932	-121.76	-187.16	-3.972	-123.33	-190.00	
-3.653	-116.66	-161.63	-3.693	-120.23	-164.42	-3.933	-121.80	-187.23	-3.973	-123.37	-190.07	
-3.654	-116.72	-161.70	-3.694	-120.27	-164.49	-3.934	-121.84	-187.30	-3.974	-123.41	-190.14	
-3.655	-116.76	-161.77	-3.695	-120.31	-164.56	-3.935	-121.88	-187.36	-3.975	-123.45	-190.21	
-3.656	-116.80	-161.84	-3.696	-120.35	-164.63	-3.936	-121.91	-187.45	-3.976	-123.49	-190.28	
-3.657	-116.84	-161.91	-3.697	-120.39	-164.70	-3.937	-121.95	-187.52	-3.977	-123.53	-190.35	
-3.658	-116.98	-161.98	-3.698	-120.43	-164.77	-3.938	-121.99	-187.59	-3.978	-123.57	-190.42	
-3.659	-116.92	-162.05	-3.699	-120.47	-164.84	-3.939	-122.03	-187.66	-3.979	-123.61	-190.49	
-3.660	-116.95	-162.12	-3.900	-120.51	-164.91	-3.940	-122.07	-187.73	-3.980	-123.65	-190.57	
-3.661	-116.99	-162.19	-3.901	-120.55	-164.98	-3.941	-122.11	-187.80	-3.981	-123.69	-190.64	
-3.662	-119.03	-162.26	-3.902	-120.59	-165.05	-3.942	-122.15	-187.87	-3.982	-123.73	-190.71	
-3.663	-119.07	-162.33	-3.903	-120.62	-165.12	-3.943	-122.19	-187.94	-3.983	-123.77	-190.78	
-3.664	-119.11	-162.40	-3.904	-120.66	-165.19	-3.944	-122.23	-188.01	-3.984	-123.81	-190.85	
-3.665	-119.15	-162.47	-3.905	-120.70	-165.26	-3.945	-122.27	-188.08	-3.985	-123.85	-190.92	
-3.666	-119.19	-162.54	-3.906	-120.74	-165.33	-3.946	-122.31	-188.15	-3.986	-123.88	-190.99	
-3.667	-119.23	-162.61	-3.907	-120.78	-165.40	-3.947	-122.35	-188.22	-3.987	-123.92	-191.06	
-3.668	-119.26	-162.67	-3.908	-120.82	-165.47	-3.948	-122.39	-188.29	-3.988	-123.96	-191.14	
-3.669	-119.30	-162.74	-3.909	-120.86	-165.54	-3.949	-122.43	-188.37	-3.989	-124.00	-191.21	
-3.670	-119.34	-162.81	-3.910	-120.90	-165.61	-3.950	-122.46	-188.44	-3.990	-124.04	-191.28	
-3.671	-119.38	-162.88	-3.911	-120.94	-165.68	-3.951	-122.50	-188.51	-3.991	-124.06	-191.35	
-3.672	-119.42	-162.95	-3.912	-120.98	-165.76	-3.952	-122.54	-188.58	-3.992	-124.12	-191.42	
-3.673	-119.46	-163.02	-3.913	-121.01	-165.83	-3.953	-122.58	-188.65	-3.993	-124.16	-191.49	
-3.674	-119.50	-163.09	-3.914	-121.05	-165.90	-3.954	-122.62	-188.72	-3.994	-124.20	-191.56	
-3.675	-119.54	-163.16	-3.915	-121.09	-165.97	-3.955	-122.66	-188.79	-3.995	-124.24	-191.63	
-3.676	-119.57	-163.23	-3.916	-121.13	-166.04	-3.956	-122.70	-188.86	-3.996	-124.28	-191.71	
-3.677	-119.61	-163.30	-3.917	-121.17	-166.11	-3.957	-122.74	-188.93	-3.997	-124.32	-191.78	
-3.678	-119.65	-163.37	-3.918	-121.21	-166.18	-3.958	-122.78	-189.00	-3.998	-124.36	-191.85	
-3.679	-119.69	-163.44	-3.919	-121.25	-166.25	-3.959	-122.82	-189.07	-3.999	-124.40	-191.92	

	MV	C	F	MV	C	F	MV	C	F	MV	C	F
-4.000	-124.44	-191.99	-1.040	-126.03	-194.86	-4.060	-127.64	-197.75	-4.120	-129.26	-200.67	
-4.001	-124.48	-192.00	-1.041	-126.07	-194.93	-4.061	-127.68	-198.83	-4.121	-129.30	-200.74	
-4.002	-124.52	-192.14	-1.042	-126.11	-195.01	-4.062	-127.72	-197.90	-4.122	-129.34	-200.82	
-4.003	-124.56	-192.21	-1.043	-126.15	-195.06	-4.063	-127.76	-197.97	-4.123	-129.38	-200.89	
-4.004	-124.60	-192.28	-1.044	-126.19	-195.15	-4.064	-127.90	-198.04	-4.124	-129.42	-200.96	
-4.005	-124.64	-192.35	-1.045	-126.23	-195.22	-4.065	-127.94	-198.12	-4.125	-129.46	-201.03	
-4.006	-124.68	-192.42	-1.046	-126.27	-195.29	-4.066	-127.98	-198.19	-4.126	-129.50	-201.11	
-4.007	-124.72	-192.49	-1.047	-126.31	-195.37	-4.067	-127.92	-198.26	-4.127	-129.55	-201.16	
-4.008	-124.76	-192.56	-1.048	-126.35	-195.44	-4.068	-127.96	-198.33	-4.128	-129.59	-201.25	
-4.009	-124.80	-192.64	-1.049	-126.39	-195.51	-4.069	-128.00	-198.41	-4.129	-129.63	-201.33	
-4.010	-124.94	-192.71	-1.050	-126.43	-195.58	-4.090	-128.04	-198.48	-4.130	-129.67	-201.40	
-4.011	-124.98	-192.78	-1.051	-126.47	-195.65	-4.091	-128.08	-198.55	-4.131	-129.71	-201.47	
-4.012	-124.92	-192.85	-1.052	-126.51	-195.73	-4.092	-128.13	-198.63	-4.132	-129.75	-201.55	
-4.013	-124.96	-192.92	-1.053	-126.55	-195.80	-4.093	-128.17	-198.70	-4.133	-129.79	-201.62	
-4.014	-125.00	-192.99	-1.054	-126.59	-195.87	-4.094	-128.21	-198.77	-4.134	-129.83	-201.69	
-4.015	-125.04	-193.07	-1.055	-126.64	-195.94	-4.095	-128.25	-198.84	-4.135	-129.87	-201.77	
-4.016	-125.08	-193.14	-1.056	-126.68	-196.02	-4.096	-128.29	-198.92	-4.136	-129.91	-201.84	
-4.017	-125.12	-193.21	-1.057	-126.72	-196.09	-4.097	-128.33	-198.99	-4.137	-129.95	-201.91	
-4.018	-125.16	-193.28	-1.058	-126.76	-196.16	-4.098	-128.37	-199.06	-4.138	-129.99	-201.99	
-4.019	-125.20	-193.35	-1.059	-126.80	-196.23	-4.099	-128.41	-199.14	-4.139	-130.03	-202.06	
-4.020	-125.24	-193.42	-1.060	-126.84	-196.30	-4.100	-126.45	-199.21	-4.140	-130.08	-202.14	
-4.021	-125.28	-193.50	-1.061	-126.88	-196.38	-4.101	-126.49	-199.28	-4.141	-130.12	-202.21	
-4.022	-125.32	-193.57	-1.062	-126.92	-196.45	-4.102	-126.53	-199.35	-4.142	-130.16	-202.26	
-4.023	-125.36	-193.64	-1.063	-126.96	-196.52	-4.103	-126.57	-199.43	-4.143	-130.20	-202.36	
-4.024	-125.40	-193.71	-1.064	-127.00	-196.59	-4.104	-126.61	-199.50	-4.144	-130.24	-202.43	
-4.025	-125.43	-193.78	-1.065	-127.04	-196.67	-4.105	-126.65	-199.57	-4.145	-130.28	-202.50	
-4.026	-125.47	-193.85	-1.066	-127.08	-196.74	-4.106	-126.59	-199.65	-4.146	-130.32	-202.56	
-4.027	-125.51	-193.93	-1.067	-127.12	-196.81	-4.107	-126.73	-199.72	-4.147	-130.36	-202.65	
-4.028	-125.55	-194.00	-1.068	-127.16	-196.88	-4.108	-126.77	-199.79	-4.148	-130.40	-202.72	
-4.029	-125.59	-194.07	-1.069	-127.20	-196.96	-4.109	-126.81	-199.86	-4.149	-130.44	-202.80	
-4.030	-125.63	-194.14	-1.070	-127.24	-197.03	-4.110	-126.85	-199.94	-4.150	-130.48	-202.87	
-4.031	-125.67	-194.21	-1.071	-127.28	-197.10	-4.111	-126.99	-200.01	-4.151	-130.52	-202.94	
-4.032	-125.71	-194.29	-1.072	-127.32	-197.17	-4.112	-126.94	-200.08	-4.152	-130.57	-203.02	
-4.033	-125.75	-194.36	-1.073	-127.36	-197.25	-4.113	-126.98	-200.16	-4.153	-130.61	-203.09	
-4.034	-125.79	-194.43	-1.074	-127.40	-197.32	-4.114	-127.02	-200.23	-4.154	-130.65	-203.17	
-4.035	-125.83	-194.50	-1.075	-127.44	-197.39	-4.115	-127.06	-200.30	-4.155	-130.69	-203.24	
-4.036	-125.87	-194.57	-1.076	-127.48	-197.46	-4.116	-129.10	-200.38	-4.156	-130.73	-203.31	
-4.037	-125.91	-194.65	-1.077	-127.52	-197.54	-4.117	-129.14	-200.45	-4.157	-130.77	-203.39	
-4.038	-125.95	-194.72	-1.078	-127.56	-197.61	-4.118	-129.18	-200.52	-4.158	-130.81	-203.46	
-4.039	-125.99	-194.79	-1.079	-127.60	-197.68	-4.119	-129.22	-200.60	-4.159	-130.85	-203.53	

MV	C	F									
-4.160	-130.99	-203.61	-4.200	-132.54	-206.57	-4.240	-134.20	-209.56	-4.280	-135.67	-212.57
-4.161	-130.93	-203.68	-4.201	-132.58	-206.65	-4.241	-134.24	-209.63	-4.281	-135.92	-212.65
-4.162	-130.98	-203.76	-4.202	-132.62	-206.72	-4.242	-134.28	-209.71	-4.282	-135.96	-212.72
-4.163	-131.02	-203.83	-4.203	-132.66	-206.79	-4.243	-134.32	-209.76	-4.283	-136.00	-212.80
-4.164	-131.06	-203.90	-4.204	-132.70	-206.87	-4.244	-134.37	-209.86	-4.284	-136.04	-212.84
-4.165	-131.10	-203.98	-4.205	-132.75	-206.94	-4.245	-134.41	-209.93	-4.285	-136.08	-212.95
-4.166	-131.14	-204.05	-4.206	-132.79	-207.02	-4.246	-134.45	-210.01	-4.286	-136.13	-213.03
-4.167	-131.18	-204.12	-4.207	-132.83	-207.09	-4.247	-134.49	-210.06	-4.287	-136.17	-213.10
-4.168	-131.22	-204.20	-4.208	-132.87	-207.17	-4.248	-134.53	-210.16	-4.288	-136.21	-213.14
-4.169	-131.26	-204.27	-4.209	-132.91	-207.24	-4.249	-134.58	-210.24	-4.289	-136.25	-213.26
-4.170	-131.30	-204.35	-4.210	-132.95	-207.32	-4.250	-134.62	-210.31	-4.290	-136.29	-213.33
-4.171	-131.34	-204.42	-4.211	-132.99	-207.39	-4.251	-134.66	-210.39	-4.291	-136.34	-213.41
-4.172	-131.39	-204.49	-4.212	-133.04	-207.46	-4.252	-134.70	-210.46	-4.292	-136.38	-213.45
-4.173	-131.43	-204.57	-4.213	-133.08	-207.54	-4.253	-134.74	-210.54	-4.293	-136.42	-213.56
-4.174	-131.47	-204.64	-4.214	-133.12	-207.61	-4.254	-134.78	-210.61	-4.294	-136.46	-213.63
-4.175	-131.51	-204.72	-4.215	-133.16	-207.69	-4.255	-134.83	-210.69	-4.295	-136.51	-213.71
-4.176	-131.55	-204.79	-4.216	-133.20	-207.76	-4.256	-134.87	-210.76	-4.296	-136.55	-213.79
-4.177	-131.59	-204.86	-4.217	-133.24	-207.84	-4.257	-134.91	-210.84	-4.297	-136.59	-213.86
-4.178	-131.63	-204.94	-4.218	-133.28	-207.91	-4.258	-134.95	-210.91	-4.298	-136.63	-213.94
-4.179	-131.67	-205.01	-4.219	-133.33	-207.99	-4.259	-134.99	-210.99	-4.299	-136.67	-214.01
-4.180	-131.71	-205.09	-4.220	-133.37	-208.06	-4.260	-135.03	-211.06	-4.300	-136.72	-214.09
-4.181	-131.76	-205.16	-4.221	-133.41	-208.14	-4.261	-135.08	-211.14	-4.301	-136.76	-214.17
-4.182	-131.80	-205.23	-4.222	-133.45	-208.21	-4.262	-135.12	-211.21	-4.302	-136.80	-214.24
-4.183	-131.84	-205.31	-4.223	-133.49	-208.29	-4.263	-135.16	-211.29	-4.303	-136.84	-214.32
-4.184	-131.88	-205.38	-4.224	-133.53	-208.36	-4.264	-135.20	-211.36	-4.304	-136.89	-214.39
-4.185	-131.92	-205.46	-4.225	-133.58	-208.44	-4.265	-135.24	-211.44	-4.305	-136.93	-214.47
-4.186	-131.96	-205.53	-4.226	-133.62	-208.51	-4.266	-135.29	-211.52	-4.306	-136.97	-214.55
-4.187	-132.00	-205.61	-4.227	-133.66	-208.59	-4.267	-135.33	-211.59	-4.307	-137.01	-214.62
-4.188	-132.04	-205.68	-4.228	-133.70	-208.66	-4.268	-135.37	-211.67	-4.308	-137.05	-214.70
-4.189	-132.09	-205.75	-4.229	-133.74	-208.73	-4.269	-135.41	-211.74	-4.309	-137.10	-214.76
-4.190	-132.13	-205.83	-4.230	-133.78	-208.81	-4.270	-135.45	-211.82	-4.310	-137.14	-214.85
-4.191	-132.17	-205.90	-4.231	-133.82	-208.86	-4.271	-135.50	-211.89	-4.311	-137.18	-214.93
-4.192	-132.21	-205.98	-4.232	-133.87	-208.96	-4.272	-135.54	-211.97	-4.312	-137.22	-215.00
-4.193	-132.25	-206.05	-4.233	-133.91	-209.03	-4.273	-135.58	-212.04	-4.313	-137.27	-215.06
-4.194	-132.29	-206.12	-4.234	-133.95	-209.11	-4.274	-135.62	-212.12	-4.314	-137.31	-215.10
-4.195	-132.33	-206.20	-4.235	-133.99	-209.18	-4.275	-135.66	-212.20	-4.315	-137.35	-215.23
-4.196	-132.37	-206.27	-4.236	-134.03	-209.26	-4.276	-135.71	-212.27	-4.316	-137.39	-215.31
-4.197	-132.42	-206.35	-4.237	-134.07	-209.33	-4.277	-135.75	-212.35	-4.317	-137.44	-215.38
-4.198	-132.46	-206.42	-4.238	-134.12	-209.41	-4.278	-135.79	-212.42	-4.318	-137.48	-215.46
-4.199	-132.50	-206.50	-4.239	-134.16	-209.46	-4.279	-135.93	-212.50	-4.319	-137.52	-215.54

MV	C	F									
-4.320	-137.56	-215.61	-4.360	-139.27	-216.66	-4.400	-140.39	-221.76	-4.440	-142.72	-224.90
-4.321	-137.61	-215.69	-4.361	-139.31	-216.76	-4.401	-141.03	-221.86	-4.441	-142.77	-224.98
-4.322	-137.65	-215.77	-4.362	-139.35	-216.84	-4.402	-141.07	-221.93	-4.442	-142.81	-225.06
-4.323	-137.69	-215.84	-4.363	-139.40	-216.91	-4.403	-141.12	-222.01	-4.443	-142.86	-225.14
-4.324	-137.73	-215.92	-4.364	-139.44	-216.99	-4.404	-141.16	-222.09	-4.444	-142.90	-225.22
-4.325	-137.78	-216.00	-4.365	-139.48	-217.07	-4.405	-141.20	-222.17	-4.445	-142.94	-225.30
-4.326	-137.82	-216.07	-4.366	-139.52	-217.14	-4.406	-141.25	-222.25	-4.446	-142.99	-225.38
-4.327	-137.96	-216.15	-4.367	-139.57	-217.22	-4.407	-141.29	-222.32	-4.447	-143.03	-225.45
-4.328	-137.90	-216.23	-4.368	-139.61	-217.30	-4.408	-141.33	-222.40	-4.448	-143.07	-225.53
-4.329	-137.95	-216.30	-4.369	-139.65	-217.38	-4.409	-141.38	-222.48	-4.449	-143.12	-225.61
-4.330	-137.99	-216.38	-4.370	-139.70	-219.45	-4.410	-141.42	-222.56	-4.450	-143.16	-225.69
-4.331	-138.03	-216.45	-4.371	-139.74	-219.53	-4.411	-141.46	-222.63	-4.451	-143.20	-225.77
-4.332	-138.07	-216.53	-4.372	-139.78	-219.61	-4.412	-141.51	-222.71	-4.452	-143.25	-225.85
-4.333	-138.12	-216.61	-4.373	-139.83	-219.69	-4.413	-141.55	-222.79	-4.453	-143.29	-225.93
-4.334	-138.16	-216.68	-4.374	-139.87	-219.76	-4.414	-141.59	-222.87	-4.454	-143.34	-226.00
-4.335	-138.20	-216.76	-4.375	-139.91	-219.84	-4.415	-141.64	-222.95	-4.455	-143.38	-226.08
-4.336	-138.24	-216.84	-4.376	-139.95	-219.92	-4.416	-141.68	-223.02	-4.456	-143.42	-226.16
-4.337	-138.29	-216.91	-4.377	-140.00	-219.99	-4.417	-141.72	-223.10	-4.457	-143.47	-226.24
-4.338	-138.33	-216.99	-4.378	-140.04	-220.07	-4.418	-141.77	-223.18	-4.458	-143.51	-226.32
-4.339	-138.37	-217.07	-4.379	-140.08	-220.15	-4.419	-141.81	-223.26	-4.459	-143.55	-226.40
-4.340	-138.41	-217.14	-4.380	-140.13	-220.23	-4.420	-141.95	-223.34	-4.460	-143.60	-226.48
-4.341	-138.46	-217.22	-4.381	-140.17	-220.30	-4.421	-141.98	-223.42	-4.461	-143.64	-226.56
-4.342	-138.50	-217.30	-4.382	-140.21	-220.36	-4.422	-141.94	-223.49	-4.462	-143.69	-226.64
-4.343	-138.54	-217.37	-4.383	-140.25	-220.46	-4.423	-141.98	-223.57	-4.463	-143.73	-226.71
-4.344	-138.58	-217.45	-4.384	-140.30	-220.54	-4.424	-142.03	-223.65	-4.464	-143.77	-226.79
-4.345	-138.63	-217.53	-4.385	-140.34	-220.61	-4.425	-142.07	-223.73	-4.465	-143.82	-226.87
-4.346	-138.67	-217.61	-4.386	-140.38	-220.69	-4.426	-142.11	-223.81	-4.466	-143.86	-226.95
-4.347	-138.71	-217.68	-4.387	-140.43	-220.77	-4.427	-142.16	-223.86	-4.467	-143.91	-227.03
-4.348	-138.75	-217.76	-4.388	-140.47	-220.85	-4.428	-142.20	-223.96	-4.468	-143.95	-227.11
-4.349	-138.80	-217.84	-4.389	-140.51	-220.92	-4.429	-142.25	-224.04	-4.469	-143.99	-227.19
-4.350	-138.84	-217.91	-4.390	-140.56	-221.00	-4.430	-142.29	-224.12	-4.470	-144.04	-227.27
-4.351	-138.88	-217.99	-4.391	-140.60	-221.06	-4.431	-142.33	-224.20	-4.471	-144.08	-227.35
-4.352	-138.93	-218.07	-4.392	-140.64	-221.16	-4.432	-142.38	-224.26	-4.472	-144.13	-227.43
-4.353	-138.97	-218.14	-4.393	-140.69	-221.23	-4.433	-142.42	-224.35	-4.473	-144.17	-227.50
-4.354	-139.01	-218.22	-4.394	-140.73	-221.31	-4.434	-142.46	-224.43	-4.474	-144.21	-227.58
-4.355	-139.05	-218.30	-4.395	-140.77	-221.39	-4.435	-142.51	-224.51	-4.475	-144.26	-227.66
-4.356	-139.10	-218.37	-4.396	-140.82	-221.47	-4.436	-142.55	-224.59	-4.476	-144.30	-227.74
-4.357	-139.14	-218.45	-4.397	-140.86	-221.55	-4.437	-142.59	-224.67	-4.477	-144.35	-227.82
-4.358	-139.18	-218.53	-4.398	-140.90	-221.62	-4.438	-142.64	-224.75	-4.478	-144.39	-227.90
-4.359	-139.22	-218.60	-4.399	-140.94	-221.70	-4.439	-142.68	-224.83	-4.479	-144.43	-227.98

	MV	C	F	MV	C	F	MV	C	F	MV	C	F
-4.480	-144.46	-228.06	-4.520	-146.25	-231.25	-4.560	-148.04	-234.46	-4.600	-149.84	-237.72	
-4.481	-144.52	-228.14	-4.521	-146.29	-231.33	-4.561	-148.08	-234.55	-4.601	-149.89	-237.80	
-4.482	-144.57	-228.22	-4.522	-146.34	-231.41	-4.562	-148.13	-234.63	-4.602	-149.93	-237.86	
-4.483	-144.61	-228.30	-4.523	-146.38	-231.49	-4.563	-148.17	-234.71	-4.603	-149.96	-237.96	
-4.484	-144.65	-228.38	-4.524	-146.43	-231.57	-4.564	-148.22	-234.79	-4.604	-150.02	-238.04	
-4.485	-144.70	-228.46	-4.525	-146.47	-231.65	-4.565	-148.26	-234.87	-4.605	-150.07	-238.12	
-4.486	-144.74	-228.54	-4.526	-146.51	-231.73	-4.566	-148.31	-234.95	-4.606	-150.11	-238.21	
-4.487	-144.79	-228.61	-4.527	-146.56	-231.81	-4.567	-148.35	-235.03	-4.607	-150.16	-238.29	
-4.488	-144.93	-228.69	-4.528	-146.60	-231.89	-4.568	-148.40	-235.11	-4.608	-150.21	-238.37	
-4.489	-144.97	-228.77	-4.529	-146.65	-231.97	-4.569	-148.44	-235.19	-4.609	-150.25	-238.45	
-4.490	-144.92	-228.85	-4.530	-146.69	-232.05	-4.570	-148.49	-235.27	-4.610	-150.30	-238.53	
-4.491	-144.96	-228.93	-4.531	-146.74	-232.13	-4.571	-148.53	-235.36	-4.611	-150.34	-238.62	
-4.492	-145.01	-229.01	-4.532	-146.78	-232.21	-4.572	-148.58	-235.44	-4.612	-150.39	-238.70	
-4.493	-145.05	-229.09	-4.533	-146.83	-232.29	-4.573	-148.62	-235.52	-4.613	-150.43	-238.76	
-4.494	-145.09	-229.17	-4.534	-146.87	-232.37	-4.574	-148.67	-235.60	-4.614	-150.48	-238.86	
-4.495	-145.14	-229.25	-4.535	-146.92	-232.45	-4.575	-148.71	-235.68	-4.615	-150.52	-238.94	
-4.496	-145.18	-229.33	-4.536	-146.96	-232.53	-4.576	-148.75	-235.76	-4.616	-150.57	-239.03	
-4.497	-145.23	-229.41	-4.537	-147.01	-232.61	-4.577	-148.80	-235.84	-4.617	-150.62	-239.11	
-4.498	-145.27	-229.49	-4.538	-147.05	-232.69	-4.578	-148.85	-235.92	-4.618	-150.66	-239.19	
-4.499	-145.32	-229.57	-4.539	-147.09	-232.77	-4.579	-148.99	-236.00	-4.619	-150.71	-239.27	
-4.500	-145.36	-229.65	-4.540	-147.14	-232.85	-4.580	-148.94	-236.09	-4.620	-150.75	-239.35	
-4.501	-145.40	-229.73	-4.541	-147.18	-232.93	-4.581	-148.98	-236.17	-4.621	-150.80	-239.44	
-4.502	-145.45	-229.81	-4.542	-147.23	-233.01	-4.582	-149.03	-236.25	-4.622	-150.84	-239.52	
-4.503	-145.49	-229.89	-4.543	-147.27	-233.09	-4.583	-149.07	-236.33	-4.623	-150.89	-239.60	
-4.504	-145.54	-229.97	-4.544	-147.32	-233.17	-4.584	-149.12	-236.41	-4.624	-150.94	-239.66	
-4.505	-145.58	-230.05	-4.545	-147.36	-233.25	-4.585	-149.16	-236.49	-4.625	-150.98	-239.77	
-4.506	-145.63	-230.13	-4.546	-147.41	-233.33	-4.586	-149.21	-236.57	-4.626	-151.03	-239.85	
-4.507	-145.57	-230.21	-4.547	-147.45	-233.41	-4.587	-149.25	-236.66	-4.627	-151.07	-239.93	
-4.508	-145.71	-230.29	-4.548	-147.50	-233.50	-4.588	-149.30	-236.74	-4.628	-151.12	-240.01	
-4.509	-145.76	-230.37	-4.549	-147.54	-233.58	-4.589	-149.34	-236.82	-4.629	-151.16	-240.09	
-4.510	-145.80	-230.45	-4.550	-147.59	-233.66	-4.590	-149.39	-236.90	-4.630	-151.21	-240.16	
-4.511	-145.85	-230.53	-4.551	-147.63	-233.74	-4.591	-149.43	-236.98	-4.631	-151.26	-240.26	
-4.512	-145.99	-230.61	-4.552	-147.68	-233.82	-4.592	-149.48	-237.06	-4.632	-151.30	-240.34	
-4.513	-145.94	-230.69	-4.553	-147.72	-233.90	-4.593	-149.52	-237.14	-4.633	-151.35	-240.42	
-4.514	-145.98	-230.77	-4.554	-147.77	-233.98	-4.594	-149.57	-237.23	-4.634	-151.39	-240.51	
-4.515	-146.03	-230.85	-4.555	-147.81	-234.06	-4.595	-149.62	-237.31	-4.635	-151.44	-240.59	
-4.516	-146.07	-230.93	-4.556	-147.86	-234.14	-4.596	-149.66	-237.39	-4.636	-151.48	-240.67	
-4.517	-146.11	-231.01	-4.557	-147.90	-234.22	-4.597	-149.71	-237.47	-4.637	-151.53	-240.75	
-4.518	-146.16	-231.09	-4.558	-147.95	-234.30	-4.598	-149.75	-237.55	-4.638	-151.58	-240.84	
-4.519	-146.20	-231.17	-4.559	-147.99	-234.38	-4.599	-149.80	-237.63	-4.639	-151.62	-240.92	

MV	C	F									
-4.640	-151.67	-241.00	-4.680	-153.51	-244.32	-4.720	-155.36	-247.66	-4.760	-157.27	-251.06
-4.641	-151.71	-241.04	-4.681	-153.56	-244.41	-4.721	-155.43	-247.77	-4.761	-157.31	-251.16
-4.642	-151.76	-241.17	-4.682	-153.61	-244.49	-4.722	-155.47	-247.85	-4.762	-157.36	-251.25
-4.643	-151.81	-241.25	-4.683	-153.65	-244.57	-4.723	-155.52	-247.94	-4.763	-157.41	-251.34
-4.644	-151.85	-241.33	-4.684	-153.70	-244.66	-4.724	-155.57	-248.02	-4.764	-157.46	-251.42
-4.645	-151.90	-241.42	-4.685	-153.75	-244.74	-4.725	-155.61	-248.10	-4.765	-157.50	-251.51
-4.646	-151.94	-241.50	-4.686	-153.79	-244.82	-4.726	-155.66	-248.19	-4.766	-157.55	-251.59
-4.647	-151.99	-241.59	-4.687	-153.84	-244.89	-4.727	-155.71	-248.27	-4.767	-157.60	-251.68
-4.648	-152.04	-241.66	-4.688	-153.88	-244.99	-4.728	-155.75	-248.36	-4.768	-157.65	-251.76
-4.649	-152.08	-241.75	-4.689	-153.93	-245.06	-4.729	-155.80	-248.44	-4.769	-157.69	-251.85
-4.650	-152.13	-241.83	-4.690	-153.98	-245.16	-4.730	-155.85	-248.53	-4.770	-157.74	-251.93
-4.651	-152.17	-241.91	-4.691	-154.02	-245.24	-4.731	-155.90	-248.61	-4.771	-157.79	-252.02
-4.652	-152.22	-241.99	-4.692	-154.07	-245.33	-4.732	-155.94	-248.70	-4.772	-157.84	-252.11
-4.653	-152.27	-242.06	-4.693	-154.12	-245.41	-4.733	-155.99	-248.78	-4.773	-157.88	-252.19
-4.654	-152.31	-242.16	-4.694	-154.16	-245.49	-4.734	-156.04	-248.87	-4.774	-157.93	-252.28
-4.655	-152.36	-242.24	-4.695	-154.21	-245.58	-4.735	-156.08	-248.95	-4.775	-157.98	-252.36
-4.656	-152.40	-242.33	-4.696	-154.26	-245.66	-4.736	-156.13	-249.04	-4.776	-158.03	-252.45
-4.657	-152.45	-242.41	-4.697	-154.30	-245.75	-4.737	-156.18	-249.12	-4.777	-158.07	-252.53
-4.658	-152.50	-242.49	-4.698	-154.35	-245.83	-4.738	-156.23	-249.21	-4.778	-158.12	-252.62
-4.659	-152.54	-242.56	-4.699	-154.40	-245.91	-4.739	-156.27	-249.29	-4.779	-158.17	-252.71
-4.660	-152.59	-242.66	-4.700	-154.44	-246.00	-4.740	-156.32	-249.36	-4.780	-158.22	-252.79
-4.661	-152.63	-242.74	-4.701	-154.49	-246.08	-4.741	-156.37	-249.46	-4.781	-158.27	-252.88
-4.662	-152.68	-242.82	-4.702	-154.54	-246.17	-4.742	-156.41	-249.55	-4.782	-158.31	-252.96
-4.663	-152.73	-242.91	-4.703	-154.58	-246.25	-4.743	-156.46	-249.63	-4.783	-158.36	-253.05
-4.664	-152.77	-242.99	-4.704	-154.63	-246.33	-4.744	-156.51	-249.72	-4.784	-158.41	-253.14
-4.665	-152.82	-243.07	-4.705	-154.68	-246.42	-4.745	-156.56	-249.80	-4.785	-158.46	-253.22
-4.666	-152.86	-243.16	-4.706	-154.72	-246.50	-4.746	-156.60	-249.89	-4.786	-158.50	-253.31
-4.667	-152.91	-243.24	-4.707	-154.77	-246.59	-4.747	-156.65	-249.97	-4.787	-158.55	-253.39
-4.668	-152.96	-243.32	-4.708	-154.82	-246.67	-4.748	-156.70	-250.06	-4.788	-158.60	-253.48
-4.669	-153.00	-243.41	-4.709	-154.86	-246.75	-4.749	-156.74	-250.14	-4.789	-158.65	-253.57
-4.670	-153.05	-243.49	-4.710	-154.91	-246.84	-4.750	-156.79	-250.23	-4.790	-158.70	-253.65
-4.671	-153.10	-243.57	-4.711	-154.96	-246.92	-4.751	-156.84	-250.31	-4.791	-158.74	-253.74
-4.672	-153.14	-243.66	-4.712	-155.00	-247.01	-4.752	-156.89	-250.40	-4.792	-158.79	-253.82
-4.673	-153.19	-243.74	-4.713	-155.05	-247.09	-4.753	-156.93	-250.49	-4.793	-158.84	-253.91
-4.674	-153.23	-243.82	-4.714	-155.10	-247.18	-4.754	-156.98	-250.57	-4.794	-158.89	-254.00
-4.675	-153.28	-243.91	-4.715	-155.14	-247.26	-4.755	-157.03	-250.65	-4.795	-158.94	-254.08
-4.676	-153.33	-243.99	-4.716	-155.19	-247.34	-4.756	-157.08	-250.74	-4.796	-158.98	-254.17
-4.677	-153.37	-244.07	-4.717	-155.24	-247.43	-4.757	-157.12	-250.82	-4.797	-159.03	-254.26
-4.678	-153.42	-244.16	-4.718	-155.29	-247.51	-4.758	-157.17	-250.91	-4.798	-159.08	-254.34
-4.679	-153.47	-244.24	-4.719	-155.33	-247.60	-4.759	-157.22	-250.99	-4.799	-159.13	-254.43

MV	C	F									
-4.800	-159.18	-254.52	-4.840	-161.11	-257.99	-4.880	-163.06	-261.51	-4.920	-165.04	-265.08
-4.801	-159.22	-254.60	-4.841	-161.16	-258.08	-4.881	-163.11	-261.60	-4.921	-165.09	-265.17
-4.802	-159.27	-254.69	-4.842	-161.20	-258.17	-4.882	-163.16	-261.69	-4.922	-165.14	-265.26
-4.803	-159.32	-254.77	-4.843	-161.25	-258.26	-4.883	-163.21	-261.78	-4.923	-165.19	-265.35
-4.804	-159.37	-254.86	-4.844	-161.30	-258.34	-4.884	-163.26	-261.87	-4.924	-165.24	-265.44
-4.805	-159.42	-255.95	-4.845	-161.35	-258.43	-4.885	-163.31	-261.96	-4.925	-165.29	-265.53
-4.806	-159.46	-255.03	-4.846	-161.40	-258.52	-4.886	-163.36	-262.05	-4.926	-165.34	-265.62
-4.807	-159.51	-255.12	-4.847	-161.45	-258.61	-4.887	-163.41	-262.13	-4.927	-165.39	-265.71
-4.808	-159.56	-255.21	-4.848	-161.50	-258.69	-4.888	-163.46	-262.22	-4.928	-165.44	-265.80
-4.809	-159.61	-255.29	-4.849	-161.55	-258.78	-4.889	-163.51	-262.31	-4.929	-165.49	-265.89
-4.810	-159.66	-255.38	-4.850	-161.59	-258.87	-4.890	-163.56	-262.40	-4.930	-165.54	-265.98
-4.811	-159.70	-255.47	-4.851	-161.64	-258.96	-4.891	-163.61	-262.49	-4.931	-165.59	-266.07
-4.812	-159.75	-255.55	-4.852	-161.69	-259.04	-4.892	-163.65	-262.58	-4.932	-165.64	-266.16
-4.813	-159.90	-255.64	-4.853	-161.74	-259.13	-4.893	-163.70	-262.67	-4.933	-165.69	-266.25
-4.814	-159.95	-255.73	-4.854	-161.79	-259.22	-4.894	-163.75	-262.76	-4.934	-165.74	-266.34
-4.815	-159.90	-255.81	-4.855	-161.84	-259.31	-4.895	-163.80	-262.85	-4.935	-165.79	-266.43
-4.816	-159.95	-255.90	-4.856	-161.89	-259.40	-4.896	-163.85	-262.93	-4.936	-165.84	-266.52
-4.817	-159.99	-255.99	-4.857	-161.94	-259.48	-4.897	-163.90	-263.02	-4.937	-165.89	-266.61
-4.818	-160.04	-256.08	-4.858	-161.98	-259.57	-4.898	-163.95	-263.11	-4.938	-165.94	-266.70
-4.819	-160.09	-256.16	-4.859	-162.03	-259.66	-4.899	-164.00	-263.20	-4.939	-165.99	-266.79
-4.820	-160.14	-256.25	-4.860	-162.08	-259.75	-4.900	-164.05	-263.29	-4.940	-166.04	-266.88
-4.821	-160.19	-256.34	-4.861	-162.13	-259.84	-4.901	-164.10	-263.38	-4.941	-166.09	-266.97
-4.822	-160.23	-256.42	-4.862	-162.18	-259.92	-4.902	-164.15	-263.47	-4.942	-166.14	-267.06
-4.823	-160.28	-256.51	-4.863	-162.23	-260.01	-4.903	-164.20	-263.56	-4.943	-166.19	-267.15
-4.824	-160.33	-256.60	-4.864	-162.28	-260.10	-4.904	-164.25	-263.65	-4.944	-166.24	-267.24
-4.825	-160.38	-256.68	-4.865	-162.33	-260.19	-4.905	-164.30	-263.74	-4.945	-166.30	-267.33
-4.826	-160.43	-256.77	-4.866	-162.38	-260.28	-4.906	-164.35	-263.83	-4.946	-166.35	-267.42
-4.827	-160.48	-256.86	-4.867	-162.42	-260.36	-4.907	-164.40	-263.92	-4.947	-166.40	-267.51
-4.828	-160.53	-256.95	-4.868	-162.47	-260.45	-4.908	-164.45	-264.00	-4.948	-166.45	-267.60
-4.829	-160.57	-257.03	-4.869	-162.52	-260.54	-4.909	-164.50	-264.09	-4.949	-166.50	-267.69
-4.830	-160.62	-257.12	-4.870	-162.57	-260.63	-4.910	-164.55	-264.16	-4.950	-166.55	-267.78
-4.831	-160.67	-257.21	-4.871	-162.62	-260.72	-4.911	-164.60	-264.27	-4.951	-166.60	-267.87
-4.832	-160.72	-257.29	-4.872	-162.67	-260.81	-4.912	-164.65	-264.36	-4.952	-166.65	-267.97
-4.833	-160.77	-257.38	-4.873	-162.72	-260.89	-4.913	-164.70	-264.45	-4.953	-166.70	-268.06
-4.834	-160.82	-257.47	-4.874	-162.77	-260.98	-4.914	-164.75	-264.54	-4.954	-166.75	-268.15
-4.835	-160.86	-257.56	-4.875	-162.82	-261.07	-4.915	-164.80	-264.63	-4.955	-166.80	-268.24
-4.836	-160.91	-257.64	-4.876	-162.87	-261.16	-4.916	-164.84	-264.72	-4.956	-166.85	-268.33
-4.837	-160.96	-257.73	-4.877	-162.92	-261.25	-4.917	-164.89	-264.81	-4.957	-166.90	-268.42
-4.838	-161.01	-257.82	-4.878	-162.96	-261.34	-4.918	-164.94	-264.90	-4.958	-166.95	-268.51
-4.839	-161.06	-257.91	-4.879	-163.01	-261.43	-4.919	-164.99	-264.99	-4.959	-167.00	

MV	C	F									
-4.960	-167.05	-268.69	-5.000	-169.08	-272.35	-5.040	-171.45	-276.06	-5.080	-173.24	-279.83
-4.961	-167.10	-268.78	-5.001	-169.14	-272.44	-5.041	-171.20	-276.16	-5.081	-173.29	-279.92
-4.962	-167.15	-268.87	-5.002	-169.19	-272.54	-5.042	-171.25	-276.25	-5.082	-173.34	-280.02
-4.963	-167.20	-268.96	-5.003	-169.24	-272.63	-5.043	-171.30	-276.35	-5.083	-173.40	-280.11
-4.964	-167.25	-269.06	-5.004	-169.29	-272.72	-5.044	-171.35	-276.44	-5.084	-173.45	-280.21
-4.965	-167.30	-269.15	-5.005	-169.34	-272.81	-5.045	-171.41	-276.53	-5.085	-173.50	-280.30
-4.966	-167.35	-269.24	-5.006	-169.39	-272.91	-5.046	-171.46	-276.63	-5.086	-173.56	-280.40
-4.967	-167.40	-269.33	-5.007	-169.44	-273.00	-5.047	-171.51	-276.72	-5.087	-173.61	-280.49
-4.968	-167.46	-269.42	-5.008	-169.49	-273.09	-5.048	-171.56	-276.81	-5.088	-173.66	-280.59
-4.969	-167.51	-269.51	-5.009	-169.55	-273.18	-5.049	-171.61	-276.91	-5.089	-173.71	-280.68
-4.970	-167.56	-269.60	-5.010	-169.60	-273.28	-5.050	-171.67	-277.00	-5.090	-173.77	-280.78
-4.971	-167.51	-269.69	-5.011	-169.65	-273.37	-5.051	-171.72	-277.09	-5.091	-173.82	-280.87
-4.972	-167.56	-269.78	-5.012	-169.70	-273.46	-5.052	-171.77	-277.19	-5.092	-173.87	-280.97
-4.973	-167.71	-269.88	-5.013	-169.75	-273.55	-5.053	-171.82	-277.28	-5.093	-173.93	-281.07
-4.974	-167.76	-269.97	-5.014	-169.80	-273.65	-5.054	-171.88	-277.38	-5.094	-173.98	-281.16
-4.975	-167.91	-270.06	-5.015	-169.85	-273.74	-5.055	-171.93	-277.47	-5.095	-174.03	-281.26
-4.976	-167.96	-270.15	-5.016	-169.91	-273.83	-5.056	-171.98	-277.56	-5.096	-174.08	-281.35
-4.977	-167.91	-270.24	-5.017	-169.96	-273.92	-5.057	-172.03	-277.66	-5.097	-174.14	-281.45
-4.978	-167.96	-270.33	-5.018	-170.01	-274.02	-5.058	-172.08	-277.75	-5.098	-174.19	-281.54
-4.979	-168.01	-270.42	-5.019	-170.06	-274.11	-5.059	-172.14	-277.85	-5.099	-174.24	-281.64
-4.980	-168.06	-270.52	-5.020	-170.11	-274.20	-5.060	-172.19	-277.94	-5.100	-174.30	-281.73
-4.981	-168.12	-270.61	-5.021	-170.16	-274.29	-5.061	-172.24	-278.03	-5.101	-174.35	-281.83
-4.982	-168.17	-270.70	-5.022	-170.22	-274.39	-5.062	-172.29	-278.13	-5.102	-174.40	-281.92
-4.983	-168.22	-270.79	-5.023	-170.27	-274.48	-5.063	-172.35	-278.22	-5.103	-174.46	-282.02
-4.984	-168.27	-270.88	-5.024	-170.32	-274.57	-5.064	-172.40	-278.32	-5.104	-174.51	-282.12
-4.985	-168.32	-270.97	-5.025	-170.37	-274.67	-5.065	-172.45	-278.41	-5.105	-174.56	-282.21
-4.986	-168.37	-271.07	-5.026	-170.42	-274.76	-5.066	-172.50	-278.51	-5.106	-174.62	-282.31
-4.987	-168.42	-271.16	-5.027	-170.47	-274.85	-5.067	-172.56	-278.60	-5.107	-174.67	-282.40
-4.988	-168.47	-271.25	-5.028	-170.53	-274.95	-5.068	-172.61	-278.69	-5.108	-174.72	-282.50
-4.989	-168.52	-271.34	-5.029	-170.58	-275.04	-5.069	-172.66	-278.79	-5.109	-174.77	-282.59
-4.990	-168.57	-271.43	-5.030	-170.63	-275.13	-5.070	-172.71	-278.88	-5.110	-174.83	-282.69
-4.991	-168.62	-271.52	-5.031	-170.68	-275.22	-5.071	-172.77	-278.98	-5.111	-174.88	-282.79
-4.992	-168.68	-271.62	-5.032	-170.73	-275.32	-5.072	-172.82	-279.07	-5.112	-174.93	-282.88
-4.993	-168.73	-271.71	-5.033	-170.78	-275.41	-5.073	-172.87	-279.17	-5.113	-174.99	-282.98
-4.994	-168.78	-271.80	-5.034	-170.84	-275.50	-5.074	-172.92	-279.26	-5.114	-175.04	-283.07
-4.995	-168.83	-271.89	-5.035	-170.89	-275.60	-5.075	-172.98	-279.36	-5.115	-175.09	-283.17
-4.996	-168.88	-271.98	-5.036	-170.94	-275.69	-5.076	-173.03	-279.45	-5.116	-175.15	-283.27
-4.997	-168.93	-272.08	-5.037	-170.99	-275.78	-5.077	-173.08	-279.55	-5.117	-175.20	-283.36
-4.998	-168.98	-272.17	-5.038	-171.04	-275.88	-5.078	-173.13	-279.64	-5.118	-175.25	-283.46
-4.999	-169.03	-272.26	-5.039	-171.10	-275.97	-5.079	-173.19	-279.74	-5.119	-175.31	-283.55

		MV	C	F										
-5.120	-175.36	-283.65	-5.160	-177.52	-287.53	-5.200	-179.71	-291.47	-5.240	-181.93	-295.48	-5.240	-181.93	-295.48
-5.121	-175.42	-283.75	-5.161	-177.57	-287.63	-5.201	-179.76	-291.57	-5.241	-181.99	-295.58	-5.241	-181.99	-295.58
-5.122	-175.47	-283.84	-5.162	-177.63	-287.73	-5.202	-179.82	-291.67	-5.242	-182.05	-295.68	-5.242	-182.05	-295.68
-5.123	-175.52	-283.94	-5.163	-177.68	-287.82	-5.203	-179.87	-291.77	-5.243	-182.10	-295.78	-5.243	-182.10	-295.78
-5.124	-175.58	-284.04	-5.164	-177.73	-287.92	-5.204	-179.93	-291.87	-5.244	-182.16	-295.88	-5.244	-182.16	-295.88
-5.125	-175.63	-284.13	-5.165	-177.79	-288.02	-5.205	-179.98	-291.97	-5.245	-182.21	-295.99	-5.245	-182.21	-295.99
-5.126	-175.58	-284.23	-5.166	-177.84	-288.12	-5.206	-180.04	-292.07	-5.246	-182.27	-296.09	-5.246	-182.27	-296.09
-5.127	-175.74	-284.33	-5.167	-177.90	-288.22	-5.207	-180.09	-292.17	-5.247	-182.33	-296.19	-5.247	-182.33	-296.19
-5.128	-175.79	-284.42	-5.168	-177.95	-288.31	-5.208	-180.15	-292.27	-5.248	-182.38	-296.29	-5.248	-182.38	-296.29
-5.129	-175.34	-284.52	-5.169	-178.01	-288.41	-5.209	-180.20	-292.37	-5.249	-182.44	-296.39	-5.249	-182.44	-296.39
-5.130	-175.90	-284.62	-5.170	-178.06	-288.51	-5.210	-180.26	-292.47	-5.250	-182.50	-296.49	-5.250	-182.50	-296.49
-5.131	-175.35	-284.71	-5.171	-178.12	-288.61	-5.211	-180.32	-292.57	-5.251	-182.55	-296.59	-5.251	-182.55	-296.59
-5.132	-176.00	-284.81	-5.172	-178.17	-288.71	-5.212	-180.37	-292.67	-5.252	-182.61	-296.70	-5.252	-182.61	-296.70
-5.133	-176.06	-284.91	-5.173	-178.23	-288.81	-5.213	-180.43	-292.77	-5.253	-182.66	-296.80	-5.253	-182.66	-296.80
-5.134	-176.11	-285.00	-5.174	-178.28	-288.90	-5.214	-180.48	-292.87	-5.254	-182.72	-296.90	-5.254	-182.72	-296.90
-5.135	-176.17	-285.10	-5.175	-178.33	-289.00	-5.215	-180.54	-292.97	-5.255	-182.78	-297.00	-5.255	-182.78	-297.00
-5.136	-176.22	-285.20	-5.176	-178.38	-289.10	-5.216	-180.59	-293.07	-5.256	-182.83	-297.10	-5.256	-182.83	-297.10
-5.137	-176.27	-285.29	-5.177	-178.44	-289.20	-5.217	-180.65	-293.17	-5.257	-182.89	-297.20	-5.257	-182.89	-297.20
-5.138	-176.33	-285.39	-5.178	-178.50	-289.30	-5.218	-180.70	-293.27	-5.258	-182.95	-297.31	-5.258	-182.95	-297.31
-5.139	-176.38	-285.49	-5.179	-178.55	-289.40	-5.219	-180.76	-293.37	-5.259	-183.00	-297.41	-5.259	-183.00	-297.41
-5.140	-176.44	-285.58	-5.180	-178.61	-289.49	-5.220	-180.82	-293.47	-5.260	-183.06	-297.51	-5.260	-183.06	-297.51
-5.141	-176.49	-285.68	-5.181	-178.66	-289.59	-5.221	-180.87	-293.57	-5.261	-183.12	-297.61	-5.261	-183.12	-297.61
-5.142	-176.54	-285.78	-5.182	-178.72	-289.69	-5.222	-180.93	-293.67	-5.262	-183.17	-297.71	-5.262	-183.17	-297.71
-5.143	-176.60	-285.87	-5.183	-178.77	-289.79	-5.223	-180.98	-293.77	-5.263	-183.23	-297.81	-5.263	-183.23	-297.81
-5.144	-176.65	-285.97	-5.184	-178.83	-289.89	-5.224	-181.04	-293.87	-5.264	-183.29	-297.92	-5.264	-183.29	-297.92
-5.145	-176.71	-286.07	-5.185	-178.88	-289.99	-5.225	-181.09	-293.97	-5.265	-183.34	-298.02	-5.265	-183.34	-298.02
-5.146	-176.76	-286.17	-5.186	-178.94	-290.09	-5.226	-181.15	-294.07	-5.266	-183.40	-298.12	-5.266	-183.40	-298.12
-5.147	-176.91	-286.26	-5.187	-178.99	-290.18	-5.227	-181.21	-294.17	-5.267	-183.46	-298.22	-5.267	-183.46	-298.22
-5.148	-176.57	-286.36	-5.188	-179.05	-290.28	-5.228	-181.26	-294.27	-5.268	-183.51	-298.33	-5.268	-183.51	-298.33
-5.149	-176.92	-286.46	-5.189	-179.10	-290.38	-5.229	-181.32	-294.37	-5.269	-183.57	-298.43	-5.269	-183.57	-298.43
-5.150	-176.98	-286.56	-5.190	-179.16	-290.46	-5.230	-181.37	-294.47	-5.270	-183.63	-298.53	-5.270	-183.63	-298.53
-5.151	-177.03	-286.65	-5.191	-179.21	-290.58	-5.231	-181.43	-294.57	-5.271	-183.68	-298.63	-5.271	-183.68	-298.63
-5.152	-177.08	-286.75	-5.192	-179.27	-290.68	-5.232	-181.49	-294.67	-5.272	-183.74	-298.73	-5.272	-183.74	-298.73
-5.153	-177.14	-286.85	-5.193	-179.32	-290.78	-5.233	-181.54	-294.77	-5.273	-183.80	-298.84	-5.273	-183.80	-298.84
-5.154	-177.19	-286.95	-5.194	-179.38	-290.88	-5.234	-181.60	-294.87	-5.274	-183.86	-298.94	-5.274	-183.86	-298.94
-5.155	-177.25	-287.04	-5.195	-179.43	-290.98	-5.235	-181.65	-294.98	-5.275	-183.91	-299.04	-5.275	-183.91	-299.04
-5.156	-177.30	-287.14	-5.196	-179.49	-291.08	-5.236	-181.71	-295.08	-5.276	-183.97	-299.14	-5.276	-183.97	-299.14
-5.157	-177.35	-287.24	-5.197	-179.54	-291.18	-5.237	-181.76	-295.18	-5.277	-184.03	-299.25	-5.277	-184.03	-299.25
-5.158	-177.41	-287.34	-5.198	-179.60	-291.27	-5.238	-181.92	-295.28	-5.278	-184.08	-299.35	-5.278	-184.08	-299.35
-5.159	-177.46	-287.43	-5.199	-179.65	-291.37	-5.239	-181.98	-295.38	-5.279	-184.14	-299.45	-5.279	-184.14	-299.45

SECTION II

MILLIVOLT-TEMPERATURE CONVERSION TABLES FOR

0°C to 100°C

32°F to 212°F

MV	C	F	NV	C	F	MV	C	F	MV	C	F
.000	.00	J2.00	.040	JJ.04	JJ.04	.080	2.08	J5.04	.120	J.11	J7.04
.001	.04	J2.05	.044	JJ.07	JJ.92	.081	2.10	J5.09	.121	J.14	J7.05
.002	.05	32.10	.042	JJ.09	JJ.97	.082	2.13	J5.04	.122	J.17	J7.05
.003	.06	32.14	.043	JJ.12	J4.04	.083	2.16	J5.00	.123	J.19	J7.04
.004	.11	32.19	.044	JJ.15	J4.00	.084	2.18	J5.03	.124	J.22	J7.04
.005	.13	32.24	.045	JJ.17	J4.14	.085	2.21	J5.08	.125	J.24	J7.04
.006	.16	32.29	.046	JJ.20	J4.10	.086	2.23	J6.02	.126	J.27	J7.05
.007	.18	32.33	.047	JJ.22	J4.20	.087	2.26	J6.07	.127	J.29	J7.05
.008	.24	32.38	.048	JJ.25	J4.25	.088	2.29	J6.12	.128	J.32	J7.06
.009	.24	32.43	.049	JJ.28	J4.30	.089	2.31	J6.16	.129	J.35	J8.02
.010	.26	32.47	.050	JJ.30	J4.34	.090	2.34	J6.21	.130	J.37	J8.07
.011	.29	32.52	.051	JJ.33	J4.39	.091	2.36	J6.25	.131	J.40	J8.14
.012	.31	32.57	.052	JJ.35	J4.44	.092	2.39	J6.30	.132	J.42	J8.16
.013	.34	32.61	.053	JJ.38	J4.48	.093	2.42	J6.35	.133	J.45	J8.21
.014	.37	32.66	.054	JJ.41	J4.53	.094	2.44	J6.39	.134	J.47	J8.25
.015	.39	32.71	.055	JJ.43	J4.58	.095	2.47	J6.44	.135	J.50	J8.30
.016	.42	32.75	.056	JJ.46	J4.62	.096	2.49	J6.49	.136	J.53	J8.32
.017	.44	32.80	.057	JJ.48	J4.67	.097	2.52	J6.53	.137	J.55	J8.35
.018	.47	32.85	.058	JJ.51	J4.74	.098	2.54	J6.58	.138	J.58	J8.44
.019	.50	32.89	.059	JJ.53	J4.79	.099	2.57	J6.63	.139	J.60	J8.49
.020	.52	32.94	.060	JJ.56	J4.81	.100	2.60	J6.67	.140	J.63	J8.54
.021	.55	32.99	.061	JJ.59	J4.86	.101	2.62	J6.72	.141	J.66	J8.58
.022	.57	33.03	.062	JJ.61	J4.90	.102	2.65	J6.77	.142	J.68	J8.63
.023	.60	33.08	.063	JJ.64	J4.95	.103	2.67	J6.84	.143	J.71	J8.67
.024	.63	33.13	.064	JJ.66	J5.00	.104	2.70	J6.86	.144	J.73	J8.74
.025	.65	33.17	.065	JJ.69	J5.04	.105	2.73	J6.94	.145	J.76	J8.77
.026	.68	33.22	.066	JJ.72	J5.09	.106	2.75	J6.95	.146	J.78	J8.81
.027	.70	33.27	.067	JJ.74	J5.14	.107	2.78	J7.00	.147	J.81	J8.86
.028	.73	33.31	.068	JJ.77	J5.18	.108	2.80	J7.05	.148	J.84	J8.90
.029	.76	33.36	.069	JJ.79	J5.23	.109	2.83	J7.09	.149	J.86	J8.95
.030	.78	33.41	.070	JJ.82	J5.26	.110	2.86	J7.14	.150	J.89	J9.00
.041	.81	33.46	.071	JJ.85	J5.32	.111	2.88	J7.19	.151	J.91	J9.04
.052	.83	33.50	.072	JJ.87	J5.37	.112	2.91	J7.23	.152	J.94	J9.09
.063	.86	33.55	.073	JJ.90	J5.42	.113	2.93	J7.28	.153	J.96	J9.14
.074	.89	33.60	.074	JJ.92	J5.46	.114	2.96	J7.33	.154	J.99	J9.18
.085	.91	33.64	.075	JJ.95	J5.51	.115	2.98	J7.37	.155	J.92	J9.23
.096	.94	33.69	.076	JJ.98	J5.56	.116	3.01	J7.42	.156	J.94	J9.26
.107	.96	33.74	.077	JJ.00	J5.60	.117	3.04	J7.46	.157	J.97	J9.32
.118	.99	33.78	.078	JJ.03	J5.65	.118	3.06	J7.51	.158	J.99	J9.37
.129	.02	33.83	.079	JJ.05	J5.70	.119	3.09	J7.56	.159	J.12	

.960	24.28	75.0	1.000	25.46	77.47	1.040	26.24	79.23	1.080	27.22	80.99									
.961	24.30	75.14	1.001	25.28	77.51	1.041	26.20	79.28	1.081	27.24	81.04									
.962	24.33	75.73	1.002	25.02	77.55	1.042	26.49	79.32	1.082	27.27	81.06									
.963	24.35	75.83	1.003	25.33	77.60	1.043	26.31	79.36	1.083	27.29	81.13									
.964	24.37	75.97	1.004	25.56	77.64	1.044	26.44	79.41	1.084	27.32	81.17									
.965	24.40	75.92	1.005	25.38	77.69	1.045	26.36	79.45	1.085	27.34	81.21									
.966	24.42	75.96	1.006	25.41	77.73	1.046	26.39	79.50	1.086	27.37	81.26									
.967	24.43	76.01	1.007	25.44	77.76	1.047	26.41	79.54	1.087	27.39	81.30									
.968	24.47	76.05	1.008	25.46	77.64	1.048	26.44	79.56	1.088	27.41	81.35									
.969	24.50	76.10	1.009	25.48	77.60	1.049	26.46	79.63	1.089	27.44	81.39									
.970	24.52	76.14	1.010	25.50	77.64	1.050	26.46	79.67	1.090	27.46	81.43									
.971	24.55	76.18	1.011	25.53	76.23	1.012	25.53	76.00	1.051	26.51	81.46									
.972	24.57	76.23	1.012	25.55	76.04	1.052	26.53	76.56	1.092	27.51	81.54									
.973	24.60	76.27	1.013	25.58	76.04	1.053	26.56	76.60	1.093	27.54	81.57									
.974	24.62	76.32	1.014	25.60	76.04	1.054	26.58	76.65	1.094	27.56	81.61									
.975	24.64	76.36	1.015	25.63	76.13	1.055	26.61	76.69	1.095	27.59	81.65									
.976	24.67	76.40	1.016	25.66	76.17	1.056	26.63	76.74	1.096	27.61	81.70									
.977	24.69	76.45	1.017	25.68	76.22	1.057	26.66	76.76	1.097	27.63	81.74									
.978	24.72	76.49	1.018	25.70	76.20	1.058	26.68	76.78	1.098	27.66	81.78									
.979	24.74	76.54	1.019	25.74	76.31	1.059	26.70	76.80	1.099	27.69	81.83									
.980	24.77	76.58	1.020	25.75	76.35	1.060	26.73	76.84	1.100	27.71	81.87									
.981	24.79	76.63	1.021	25.77	76.39	1.061	26.75	76.86	1.101	27.73	81.94									
.982	24.82	76.67	1.022	25.80	76.44	1.062	26.78	76.89	1.102	27.76	81.96									
.983	24.84	76.71	1.023	25.82	76.46	1.063	26.80	76.90	1.103	27.78	82.00									
.984	24.87	76.76	1.024	25.85	76.53	1.064	26.83	76.92	1.104	27.80	82.05									
.985	24.89	76.80	1.025	25.87	76.57	1.065	26.85	76.93	1.105	27.83	82.09									
.986	24.92	76.85	1.026	25.90	76.61	1.066	26.88	76.96	1.106	27.85	82.14									
.987	24.94	76.89	1.027	25.92	76.66	1.067	26.90	76.98	1.107	27.88	82.18									
.988	24.96	76.94	1.028	25.95	76.70	1.068	26.93	77.01	1.108	27.90	82.22									
.989	24.99	76.98	1.029	25.97	76.75	1.069	26.95	77.05	1.109	27.93	82.27									
.990	25.01	77.02	1.030	26.99	76.79	1.070	26.97	77.09	1.110	27.95	82.31									
.991	25.04	77.07	1.031	26.92	76.83	1.071	27.00	77.00	1.111	27.98	82.36									
.992	25.06	77.11	1.032	26.94	76.86	1.072	27.02	77.02	1.112	28.00	82.40									
.993	25.09	77.16	1.033	26.97	76.89	1.073	27.05	77.05	1.113	28.02	82.44									
.994	25.11	77.20	1.034	26.99	76.91	1.074	27.07	77.07	1.114	28.05	82.49									
.995	25.14	77.25	1.035	26.12	79.01	1.075	27.10	80.77	1.115	28.07	82.53									
.996	25.16	77.29	1.036	26.14	79.06	1.076	27.12	80.82	1.116	28.10	82.56									
.997	25.19	77.33	1.037	26.17	79.11	1.077	27.15	80.86	1.117	28.12	82.62									
.998	25.21	77.36	1.038	26.19	79.14	1.078	27.17	80.91	1.118	28.15	82.65									
.999	25.23	77.42	1.039	26.22	79.19	1.079	27.19	80.95	1.119	28.17	82.71									

1.120	28.20	82.75	1.160	29.17	84.31	1.200	30.14	1.240	31.11	88.00					
1.121	28.22	82.60	1.161	29.19	84.33	1.201	30.17	86.50	1.241	31.14	88.03				
1.122	28.24	82.64	1.162	29.22	84.35	1.202	30.19	86.54	1.242	31.16	88.07				
1.123	28.27	82.68	1.163	29.24	84.36	1.203	30.22	86.59	1.243	31.19	88.13				
1.124	28.29	82.93	1.164	29.27	84.66	1.204	30.24	86.45	1.244	31.21	88.16				
1.125	28.32	82.97	1.165	29.29	84.74	1.205	30.26	86.48	1.245	31.23	88.22				
1.126	28.34	83.01	1.166	29.32	84.77	1.206	30.29	86.52	1.246	31.26	88.27				
1.127	28.37	83.06	1.167	29.34	84.81	1.207	30.31	86.56	1.247	31.28	88.31				
1.128	28.39	83.10	1.168	29.36	84.86	1.208	30.34	86.61	1.248	31.31	88.35				
1.129	28.41	83.15	1.169	29.39	84.90	1.209	30.36	86.65	1.249	31.33	88.40				
1.130	28.44	83.19	1.170	29.41	84.94	1.210	30.39	86.69	1.250	31.36	88.44				
1.131	28.46	83.23	1.171	29.44	84.99	1.211	30.41	86.74	1.251	31.38	88.48				
1.132	28.49	83.28	1.172	29.46	85.03	1.212	30.43	86.78	1.252	31.40	88.53				
1.133	28.51	83.32	1.173	29.49	85.06	1.213	30.46	86.82	1.253	31.43	88.57				
1.134	28.54	83.37	1.174	29.51	85.12	1.214	30.48	86.87	1.254	31.45	88.61				
1.135	28.56	83.41	1.175	29.53	85.16	1.215	30.51	86.91	1.255	31.48	88.66				
1.136	28.59	83.45	1.176	29.56	85.21	1.216	30.53	86.96	1.256	31.50	88.70				
1.137	28.61	83.50	1.177	29.58	85.26	1.217	30.56	87.00	1.257	31.52	88.74				
1.138	28.63	83.54	1.178	29.61	85.29	1.218	30.58	87.04	1.258	31.55	88.78				
1.139	28.66	83.59	1.179	29.63	85.34	1.219	30.60	87.09	1.259	31.57	88.83				
1.140	28.68	83.63	1.180	29.66	85.36	1.220	30.63	87.13	1.260	31.60	88.88				
1.141	28.71	83.67	1.181	29.68	85.43	1.221	30.65	87.17	1.261	31.62	88.92				
1.142	28.73	83.72	1.182	29.71	85.47	1.222	30.68	87.22	1.262	31.65	88.96				
1.143	28.76	83.76	1.183	29.73	85.51	1.223	30.70	87.26	1.263	31.67	89.01				
1.144	28.78	83.80	1.184	29.75	85.53	1.224	30.73	87.31	1.264	31.70	89.05				
1.145	28.80	83.85	1.185	29.76	85.56	1.225	30.75	87.35	1.265	31.72	89.09				
1.146	28.84	83.89	1.186	29.78	85.60	1.226	30.77	87.39	1.266	31.74	89.14				
1.147	28.85	83.94	1.187	29.83	85.69	1.227	30.80	87.44	1.267	31.77	89.16				
1.148	28.88	83.98	1.188	29.85	85.73	1.228	30.82	87.48	1.268	31.79	89.22				
1.149	28.90	84.02	1.189	29.88	85.76	1.229	30.85	87.52	1.269	31.82	89.27				
1.150	28.93	84.07	1.190	29.90	85.84	1.230	30.87	87.57	1.270	31.84	89.31				
1.151	28.95	84.11	1.191	29.92	85.89	1.231	30.89	87.61	1.271	31.86	89.36				
1.152	28.98	84.16	1.192	29.95	85.91	1.232	30.92	87.65	1.272	31.89	89.40				
1.153	29.00	84.20	1.193	29.97	85.93	1.233	30.94	87.68	1.273	31.91	89.44				
1.154	29.02	84.24	1.194	29.99	85.99	1.234	30.97	87.74	1.274	31.94	89.49				
1.155	29.05	84.29	1.195	30.02	86.04	1.235	30.99	87.79	1.275	31.96	89.53				
1.156	29.07	84.33	1.196	30.03	86.08	1.236	31.02	87.83	1.276	31.98	89.57				
1.157	29.10	84.37	1.197	30.05	86.13	1.237	31.04	87.87	1.277	32.01	89.62				
1.158	29.12	84.42	1.198	30.09	86.17	1.238	31.06	87.92	1.278	32.03	89.66				
1.159	29.15	84.46	1.199	30.12	86.21	1.239	31.09	87.96	1.279	32.06	89.70				

	MV	C	F											
1.440	30.94	90.09	1.460	30.94	90.09	1.480	30.94	90.09	1.500	30.94	90.09	1.520	30.94	90.09
1.441	30.90	90.73	1.461	30.94	90.40	1.481	30.94	90.40	1.501	30.94	90.40	1.521	30.94	90.40
1.442	30.98	90.77	1.462	30.94	90.50	1.482	30.94	90.50	1.502	30.94	90.50	1.522	30.94	90.50
1.443	30.91	90.82	1.463	30.97	90.54	1.483	30.97	90.54	1.503	30.97	90.54	1.523	30.97	90.54
1.444	30.93	90.86	1.464	30.94	90.56	1.484	30.94	90.56	1.504	30.94	90.56	1.524	30.94	90.56
1.445	30.90	90.90	1.465	30.94	90.62	1.485	30.94	90.62	1.505	30.94	90.62	1.525	30.94	90.62
1.446	30.98	90.95	1.466	30.94	90.64	1.486	30.94	90.64	1.506	30.94	90.64	1.526	30.94	90.64
1.447	30.10	90.99	1.467	30.96	90.71	1.487	30.96	90.71	1.507	30.96	90.71	1.527	30.96	90.71
1.448	30.13	90.73	1.468	30.99	90.70	1.488	30.99	90.70	1.508	30.99	90.70	1.528	30.99	90.70
1.449	30.15	90.07	1.469	30.91	90.80	1.489	30.91	90.80	1.509	30.91	90.80	1.529	30.91	90.80
1.450	30.18	90.12	1.470	30.94	90.64	1.490	30.94	90.64	1.510	30.94	90.64	1.530	30.94	90.64
1.451	30.20	90.46	1.471	30.91	90.10	1.491	30.91	90.10	1.511	30.91	90.10	1.531	30.91	90.10
1.452	30.22	90.20	1.472	30.92	90.18	1.492	30.92	90.18	1.512	30.92	90.18	1.532	30.92	90.18
1.453	30.25	90.25	1.473	30.94	90.21	1.493	30.94	90.21	1.513	30.94	90.21	1.533	30.94	90.21
1.454	30.22	90.29	1.474	30.94	90.24	1.494	30.94	90.24	1.514	30.94	90.24	1.534	30.94	90.24
1.455	30.20	90.33	1.475	30.95	90.22	1.495	30.95	90.22	1.515	30.95	90.22	1.535	30.95	90.22
1.456	30.32	90.36	1.476	30.96	90.14	1.496	30.96	90.14	1.516	30.96	90.14	1.536	30.96	90.14
1.457	30.34	90.42	1.477	30.97	90.14	1.497	30.97	90.14	1.517	30.97	90.14	1.537	30.97	90.14
1.458	30.37	90.46	1.478	30.98	90.13	1.498	30.98	90.13	1.518	30.98	90.13	1.538	30.98	90.13
1.459	30.39	90.31	1.479	30.99	90.35	1.499	30.99	90.35	1.519	30.99	90.35	1.539	30.99	90.35
1.460	30.42	90.55	1.480	30.99	90.37	1.500	30.99	90.37	1.520	30.99	90.37	1.540	30.99	90.37
1.461	30.44	90.59	1.481	30.91	90.40	1.501	30.91	90.40	1.521	30.91	90.40	1.541	30.91	90.40
1.462	30.40	90.04	1.482	30.92	90.30	1.502	30.92	90.30	1.522	30.92	90.30	1.542	30.92	90.30
1.463	30.49	90.68	1.483	30.94	90.42	1.503	30.94	90.42	1.523	30.94	90.42	1.543	30.94	90.42
1.464	30.21	90.72	1.484	30.94	90.47	1.504	30.94	90.47	1.524	30.94	90.47	1.544	30.94	90.47
1.465	30.24	90.77	1.485	30.95	90.49	1.505	30.95	90.49	1.525	30.95	90.49	1.545	30.95	90.49
1.466	30.26	90.81	1.486	30.96	90.52	1.506	30.96	90.52	1.526	30.96	90.52	1.546	30.96	90.52
1.467	30.58	90.85	1.487	30.97	90.50	1.507	30.97	90.50	1.527	30.97	90.50	1.547	30.97	90.50
1.468	30.01	90.89	1.488	30.97	90.54	1.508	30.97	90.54	1.528	30.97	90.54	1.548	30.97	90.54
1.469	30.63	90.94	1.489	30.99	90.59	1.509	30.99	90.59	1.529	30.99	90.59	1.549	30.99	90.59
1.470	30.66	90.98	1.510	30.91	90.70	1.530	30.91	90.70	1.550	30.91	90.70	1.570	30.91	90.70
1.471	30.08	90.02	1.511	30.94	90.64	1.531	30.94	90.64	1.551	30.94	90.64	1.571	30.94	90.64
1.472	30.70	90.07	1.512	30.96	90.79	1.532	30.96	90.79	1.552	30.96	90.79	1.572	30.96	90.79
1.473	30.73	90.11	1.513	30.99	90.63	1.533	30.99	90.63	1.553	30.99	90.63	1.573	30.99	90.63
1.474	30.75	90.15	1.514	30.97	90.68	1.534	30.97	90.68	1.554	30.97	90.68	1.574	30.97	90.68
1.475	30.76	90.20	1.515	30.93	90.74	1.535	30.93	90.74	1.555	30.93	90.74	1.575	30.93	90.74
1.476	30.50	90.24	1.516	30.96	90.90	1.536	30.96	90.90	1.556	30.96	90.90	1.576	30.96	90.90
1.477	30.62	90.28	1.517	30.97	90.76	1.537	30.97	90.76	1.557	30.97	90.76	1.577	30.97	90.76
1.478	30.65	90.53	1.518	30.98	90.80	1.538	30.98	90.80	1.558	30.98	90.80	1.578	30.98	90.80
1.479	30.67	90.37	1.519	30.93	90.09	1.539	30.93	90.09	1.559	30.93	90.09	1.579	30.93	90.09

MV	C	F												
1.600	39.76	103.57	1.640	40.71	105.26	1.660	41.06	106.99	1.720	42.01	108.74	1.601	40.47	104.85
1.601	39.76	103.61	1.641	40.74	105.33	1.661	41.09	107.03	1.721	42.03	108.74	1.602	40.50	104.90
1.602	39.61	103.66	1.642	40.76	105.37	1.662	41.71	107.08	1.722	42.06	108.76	1.603	40.52	104.94
1.603	39.83	103.70	1.643	40.78	105.41	1.663	41.73	107.12	1.723	42.08	108.76	1.604	40.54	104.96
1.604	39.86	103.74	1.644	40.81	105.45	1.664	41.76	107.16	1.724	42.09	108.77	1.605	40.56	104.98
1.605	39.88	103.78	1.645	40.83	105.50	1.665	41.78	107.21	1.725	42.13	108.91	1.606	40.86	105.53
1.606	39.90	103.83	1.646	40.86	105.54	1.666	41.80	107.25	1.726	42.17	108.92	1.607	40.87	105.56
1.607	39.93	103.87	1.647	40.88	105.58	1.667	41.83	107.29	1.727	42.18	109.00	1.608	40.92	105.60
1.608	39.95	103.94	1.648	40.90	105.62	1.668	41.85	107.33	1.728	42.20	109.04	1.609	39.98	105.67
1.609	39.98	103.96	1.649	40.93	105.67	1.669	41.88	107.38	1.729	42.22	109.06			
1.610	40.00	104.00	1.650	40.95	105.71	1.670	41.90	107.42	1.730	42.22	109.12			
1.611	40.02	104.04	1.651	40.97	105.75	1.691	41.92	107.46	1.731	42.27	109.17			
1.612	40.05	104.08	1.652	41.00	105.80	1.692	41.95	107.50	1.732	42.29	109.21			
1.613	40.07	104.13	1.653	41.02	105.84	1.693	41.97	107.55	1.733	42.32	109.25			
1.614	40.09	104.17	1.654	41.05	105.88	1.694	41.99	107.59	1.734	42.34	109.29			
1.615	40.12	104.21	1.655	41.07	105.92	1.695	42.02	107.63	1.735	42.36	109.34			
1.616	40.14	104.26	1.656	41.09	105.97	1.696	42.04	107.67	1.736	42.39	109.36			
1.617	40.17	104.30	1.657	41.12	106.01	1.697	42.07	107.72	1.737	42.41	109.41			
1.618	40.19	104.34	1.658	41.14	106.05	1.698	42.09	107.76	1.738	42.44	109.46			
1.619	40.21	104.38	1.659	41.16	106.09	1.699	42.11	107.80	1.739	42.46	109.51			
1.620	40.24	104.43	1.660	41.19	106.14	1.700	42.14	107.83	1.740	42.49	109.55			
1.621	40.26	104.47	1.661	41.21	106.16	1.701	42.16	107.85	1.741	42.51	109.59			
1.622	40.28	104.51	1.662	41.23	106.22	1.702	42.18	107.89	1.742	42.53	109.63			
1.623	40.31	104.56	1.663	41.26	106.27	1.703	42.21	107.92	1.743	42.55	109.66			
1.624	40.33	104.60	1.664	41.28	106.31	1.704	42.23	108.02	1.744	42.58	109.72			
1.625	40.36	104.64	1.665	41.31	106.35	1.705	42.25	108.06	1.745	42.60	109.76			
1.626	40.38	104.68	1.666	41.33	106.39	1.706	42.28	108.10	1.746	42.63	109.81			
1.627	40.40	104.73	1.667	41.35	106.44	1.707	42.30	108.14	1.747	42.65	109.85			
1.628	40.43	104.77	1.668	41.38	106.48	1.708	42.33	108.19	1.748	42.67	109.89			
1.629	40.45	104.81	1.669	41.40	106.52	1.709	42.35	108.23	1.749	42.70	109.93			
1.630	40.47	104.85	1.670	41.42	106.56	1.710	42.37	108.27	1.750	42.72	109.98			
1.631	40.50	104.90	1.671	41.45	106.61	1.711	42.40	108.31	1.751	42.74	110.02			
1.632	40.52	104.94	1.672	41.47	106.65	1.712	42.42	108.36	1.752	42.77	110.06			
1.633	40.55	104.98	1.673	41.50	106.69	1.713	42.44	108.40	1.753	42.79	110.10			
1.634	40.57	105.03	1.674	41.52	106.74	1.714	42.47	108.44	1.754	42.81	110.13			
1.635	40.59	105.07	1.675	41.54	106.76	1.715	42.49	108.46	1.755	42.84	110.19			
1.636	40.62	105.11	1.676	41.57	106.82	1.716	42.52	108.53	1.756	42.86	110.23			
1.637	40.64	105.15	1.677	41.59	106.86	1.717	42.54	108.57	1.757	42.87	110.27			
1.638	40.66	105.20	1.678	41.61	106.91	1.718	42.56	108.61	1.758	42.91	110.32			
1.639	40.69	105.24	1.679	41.64	106.95	1.719	42.59	108.66	1.759	42.93	110.36			

MV	C	F												
1.920	47.32	117.18	1.960	48.20	118.67	2.000	49.19	120.35	2.040	50.13	122.23	1.921	47.35	117.22
1.921	47.35	117.22	1.961	48.23	118.91	2.001	49.22	120.59	2.041	50.13	122.27	1.922	47.37	117.26
1.922	47.37	117.26	1.962	48.21	118.95	2.002	49.24	120.64	2.042	50.18	122.32	1.923	47.39	117.31
1.923	47.39	117.31	1.963	48.23	118.99	2.003	49.27	120.68	2.043	50.20	122.36	1.924	47.42	117.35
1.924	47.42	117.35	1.964	48.25	119.04	2.004	49.29	120.72	2.044	50.22	122.40	1.925	47.44	117.39
1.925	47.44	117.39	1.965	48.26	119.06	2.005	49.31	120.76	2.045	50.23	122.44	1.926	47.46	117.43
1.926	47.46	117.43	1.966	48.20	119.12	2.006	49.34	120.80	2.046	50.27	122.48	1.927	47.49	117.48
1.927	47.49	117.48	1.967	48.22	119.16	2.007	49.36	120.85	2.047	50.29	122.53	1.928	47.51	117.52
1.928	47.51	117.52	1.968	48.23	119.20	2.008	49.38	120.89	2.048	50.32	122.57	1.929	47.53	117.56
1.929	47.53	117.56	1.969	48.27	119.23	2.009	49.41	120.93	2.049	50.34	122.61			
1.930	47.56	117.60	1.970	48.43	119.29	2.010	49.43	120.97	2.050	50.36	122.63	1.931	47.58	117.64
1.931	47.58	117.64	1.971	48.52	119.33	2.011	49.45	121.01	2.051	50.39	122.69	1.932	47.60	117.69
1.932	47.60	117.69	1.972	48.34	119.37	2.012	49.48	121.06	2.052	50.41	122.74	1.933	47.63	117.73
1.933	47.63	117.73	1.973	48.20	119.41	2.013	49.50	121.10	2.053	50.43	122.78	1.934	47.65	117.77
1.934	47.65	117.77	1.974	48.29	119.46	2.014	49.52	121.14	2.054	50.46	122.82	1.935	47.67	117.81
1.935	47.67	117.81	1.975	48.03	119.50	2.015	49.55	121.18	2.055	50.49	122.86	1.936	47.70	117.86
1.936	47.70	117.86	1.976	48.03	119.54	2.016	49.57	121.22	2.056	50.50	122.90	1.937	47.72	117.90
1.937	47.72	117.90	1.977	48.00	119.58	2.017	49.59	121.27	2.057	50.53	122.95	1.938	47.74	117.94
1.938	47.74	117.94	1.978	48.08	119.63	2.018	49.62	121.31	2.058	50.55	122.99	1.939	47.77	117.98
1.939	47.77	117.98	1.979	48.07	119.67	2.019	49.64	121.35	2.059	50.57	123.03			
1.940	47.79	118.02	1.980	48.73	119.71	2.020	49.66	121.39	2.060	50.60	123.07	1.941	47.81	118.07
1.941	47.81	118.07	1.981	48.73	119.73	2.021	49.69	121.43	2.061	50.62	123.11	1.942	47.84	118.11
1.942	47.84	118.11	1.982	48.77	119.77	2.022	49.71	121.48	2.062	50.64	123.15	1.943	47.86	118.15
1.943	47.86	118.15	1.983	48.80	119.84	2.023	49.73	121.52	2.063	50.66	123.20	1.944	47.88	118.19
1.944	47.88	118.19	1.984	48.82	119.86	2.024	49.76	121.56	2.064	50.69	123.24	1.945	47.91	118.23
1.945	47.91	118.23	1.985	48.84	119.92	2.025	49.78	121.60	2.065	50.71	123.28	1.946	47.93	118.26
1.946	47.93	118.26	1.986	48.87	119.95	2.026	49.80	121.64	2.066	50.73	123.32	1.947	47.96	118.32
1.947	47.96	118.32	1.987	48.89	120.00	2.027	49.83	121.69	2.067	50.76	123.36	1.948	47.98	118.36
1.948	47.98	118.36	1.988	48.91	120.03	2.028	49.85	121.73	2.068	50.78	123.41	1.949	48.00	118.40
1.949	48.00	118.40	1.989	48.94	120.07	2.029	49.87	121.77	2.069	50.80	123.45			
1.950	48.03	118.45	1.990	48.90	120.13	2.030	49.90	121.81	2.070	50.83	123.49	1.951	48.05	118.49
1.951	48.05	118.49	1.991	48.93	120.17	2.031	49.92	121.85	2.071	50.85	123.53	1.952	48.07	118.53
1.952	48.07	118.53	1.992	49.01	120.21	2.032	49.94	121.90	2.072	50.87	123.57	1.953	48.10	118.57
1.953	48.10	118.57	1.993	49.03	120.20	2.033	49.97	121.94	2.073	50.90	123.62	1.954	48.12	118.61
1.954	48.12	118.61	1.994	49.05	120.33	2.034	49.99	121.98	2.074	50.92	123.66	1.955	48.14	118.66
1.955	48.14	118.66	1.995	49.08	120.34	2.035	50.01	122.02	2.075	50.94	123.70	1.956	48.17	118.70
1.956	48.17	118.70	1.996	49.10	120.36	2.036	50.04	122.06	2.076	50.97	123.74	1.957	48.19	118.74
1.957	48.19	118.74	1.997	49.12	120.42	2.037	50.06	122.11	2.077	50.99	123.78	1.958	48.21	118.78
1.958	48.21	118.78	1.998	49.13	120.47	2.038	50.08	122.15	2.078	51.01	123.83	1.959	48.24	118.82
1.959	48.24	118.82	1.999	49.17	120.51	2.039	50.11	122.19	2.079	51.04	123.87			

2.060	51.06	123.91	2.120	51.99	123.59	2.160	52.92	127.26	2.200	53.85	128.93	2.240	53.87	128.97
2.061	51.08	123.95	2.121	52.01	123.63	2.161	52.94	127.30	2.201	53.87	128.97	2.241	53.87	128.97
2.062	51.11	123.99	2.122	52.04	123.67	2.162	52.97	127.34	2.202	53.89	129.01	2.242	53.89	129.01
2.063	51.13	124.04	2.123	52.06	123.71	2.163	52.99	127.38	2.203	53.92	129.03	2.243	53.92	129.03
2.064	51.15	124.08	2.124	52.08	123.75	2.164	53.01	127.42	2.204	53.94	129.09	2.244	53.94	129.09
2.065	51.18	124.12	2.125	52.11	123.79	2.165	53.04	127.47	2.205	53.96	129.13	2.245	53.96	129.13
2.066	51.20	124.16	2.126	52.13	123.84	2.166	53.06	127.51	2.206	53.99	129.16	2.246	53.99	129.16
2.067	51.22	124.20	2.127	52.15	123.88	2.167	53.08	127.55	2.207	54.01	129.21	2.247	54.01	129.21
2.068	51.25	124.24	2.128	52.18	123.92	2.168	53.11	127.59	2.208	54.03	129.26	2.248	54.03	129.26
2.069	51.27	124.29	2.129	52.20	123.96	2.169	53.13	127.63	2.209	54.06	129.30	2.249	54.06	129.30
2.090	51.29	124.33	2.130	52.22	124.00	2.170	53.15	127.67	2.210	54.08	129.34	2.250	54.08	129.34
2.091	51.32	124.37	2.131	52.23	124.04	2.171	53.18	127.72	2.211	54.10	129.38	2.251	54.10	129.38
2.092	51.34	124.41	2.132	52.27	124.08	2.172	53.20	127.76	2.212	54.13	129.43	2.252	54.13	129.43
2.093	51.36	124.45	2.133	52.29	124.12	2.173	53.22	127.80	2.213	54.15	129.47	2.253	54.15	129.47
2.094	51.39	124.50	2.134	52.32	124.17	2.174	53.24	127.84	2.214	54.17	129.51	2.254	54.17	129.51
2.095	51.41	124.54	2.135	52.34	124.21	2.175	53.27	127.88	2.215	54.19	129.53	2.255	54.19	129.53
2.096	51.43	124.58	2.136	52.36	124.25	2.176	53.29	127.92	2.216	54.22	129.59	2.256	54.22	129.59
2.097	51.46	124.62	2.137	52.39	124.30	2.177	53.31	127.97	2.217	54.24	129.63	2.257	54.24	129.63
2.098	51.48	124.66	2.138	52.41	124.34	2.178	53.34	128.01	2.218	54.26	129.68	2.258	54.26	129.68
2.099	51.50	124.71	2.139	52.43	124.36	2.179	53.36	128.05	2.219	54.29	129.72	2.259	54.29	129.72
2.100	51.53	124.75	2.140	52.46	124.42	2.180	53.38	128.09	2.220	54.31	129.76	2.260	54.31	129.76
2.101	51.55	124.79	2.141	52.48	124.46	2.181	53.41	128.13	2.221	54.33	129.80	2.261	54.33	129.80
2.102	51.57	124.83	2.142	52.50	124.50	2.182	53.43	128.17	2.222	54.35	129.84	2.262	54.35	129.84
2.103	51.60	124.87	2.143	52.53	124.53	2.183	53.45	128.22	2.223	54.38	129.88	2.263	54.38	129.88
2.104	51.62	124.91	2.144	52.55	124.55	2.184	53.48	128.26	2.224	54.40	129.92	2.264	54.40	129.92
2.105	51.64	124.96	2.145	52.57	124.58	2.185	53.50	128.30	2.225	54.43	129.97	2.265	54.43	129.97
2.106	51.67	125.00	2.146	52.60	124.61	2.186	53.52	128.34	2.226	54.45	130.01	2.266	54.45	130.01
2.107	51.69	125.04	2.147	52.62	124.71	2.187	53.55	128.38	2.227	54.47	130.05	2.267	54.47	130.05
2.108	51.71	125.08	2.148	52.64	124.75	2.188	53.57	128.42	2.228	54.50	130.09	2.268	54.50	130.09
2.109	51.74	125.12	2.149	52.66	124.80	2.189	53.59	128.47	2.229	54.52	130.13	2.269	54.52	130.13
2.110	51.76	125.17	2.150	52.69	124.84	2.190	53.62	128.51	2.230	54.54	130.17	2.270	54.54	130.17
2.111	51.78	125.21	2.151	52.71	124.89	2.191	53.64	128.55	2.231	54.56	130.21	2.271	54.56	130.21
2.112	51.81	125.25	2.152	52.73	124.94	2.192	53.66	128.59	2.232	54.59	130.25	2.272	54.59	130.25
2.113	51.83	125.29	2.153	52.75	124.96	2.193	53.69	128.63	2.233	54.61	130.30	2.273	54.61	130.30
2.114	51.85	125.33	2.154	52.78	125.01	2.194	53.71	128.67	2.234	54.63	130.34	2.274	54.63	130.34
2.115	51.88	125.36	2.155	52.80	125.05	2.195	53.73	128.72	2.235	54.66	130.38	2.275	54.66	130.38
2.116	51.90	125.42	2.156	52.83	125.09	2.196	53.75	128.76	2.236	54.68	130.42	2.276	54.68	130.42
2.117	51.92	125.46	2.157	52.85	125.13	2.197	53.78	128.80	2.237	54.70	130.47	2.277	54.70	130.47
2.118	51.94	125.50	2.158	52.87	125.17	2.198	53.80	128.84	2.238	54.73	130.51	2.278	54.73	130.51
2.119	51.97	125.54	2.159	52.90	125.21	2.199	53.82	128.88	2.239	54.75	130.55	2.279	54.75	130.55

MV	C	F									
2.240	54.77	130.59	2.280	55.00	132.20	2.320	56.02	133.91	2.360	57.34	135.37
2.241	54.80	130.63	2.281	55.02	132.30	2.321	56.04	133.96	2.361	57.36	135.61
2.242	54.82	130.67	2.282	55.04	132.40	2.322	56.07	134.00	2.362	57.39	135.63
2.243	54.84	130.72	2.283	55.07	132.46	2.343	56.09	134.04	2.363	57.41	135.70
2.244	54.87	130.76	2.284	55.09	132.42	2.324	56.71	134.08	2.364	57.43	135.74
2.245	54.89	130.80	2.285	55.01	132.40	2.325	56.73	134.12	2.365	57.45	135.76
2.246	54.91	130.84	2.286	55.04	132.50	2.326	56.76	134.16	2.366	57.48	135.84
2.247	54.93	130.88	2.287	55.06	132.34	2.347	56.78	134.20	2.367	57.50	135.86
2.248	54.96	130.92	2.288	55.08	132.59	2.348	56.80	134.25	2.368	57.52	135.90
2.249	54.98	130.97	2.289	55.00	132.63	2.329	56.83	134.29	2.369	57.53	135.94
2.250	55.00	131.01	2.290	55.03	132.67	2.330	56.85	134.33	2.370	57.57	135.99
2.251	55.03	131.05	2.291	55.05	132.71	2.331	56.87	134.37	2.371	57.59	136.03
2.252	55.05	131.09	2.292	55.07	132.75	2.332	56.90	134.41	2.372	57.62	136.07
2.253	55.07	131.13	2.293	56.00	132.79	2.333	56.92	134.45	2.373	57.64	136.11
2.254	55.10	131.17	2.294	56.02	132.84	2.334	56.94	134.49	2.374	57.66	136.15
2.255	55.12	131.21	2.295	56.04	132.88	2.335	56.96	134.54	2.375	57.68	136.19
2.256	55.14	131.26	2.296	56.07	132.92	2.336	56.99	134.58	2.376	57.91	136.23
2.257	55.17	131.30	2.297	56.09	132.96	2.337	57.01	134.62	2.377	57.94	136.27
2.258	55.19	131.34	2.298	56.11	133.00	2.338	57.03	134.66	2.378	57.95	136.32
2.259	55.21	131.38	2.299	56.13	133.04	2.339	57.06	134.70	2.379	57.98	136.36
2.260	55.23	131.42	2.300	56.16	133.08	2.340	57.08	134.74	2.380	58.00	136.40
2.261	55.26	131.46	2.301	56.18	133.13	2.341	57.10	134.78	2.381	58.02	136.44
2.262	55.28	131.51	2.302	56.20	133.17	2.342	57.13	134.83	2.382	58.03	136.46
2.263	55.30	131.55	2.303	56.23	133.21	2.343	57.15	134.87	2.383	58.07	136.52
2.264	55.33	131.59	2.304	56.25	133.25	2.344	57.17	134.91	2.384	58.09	136.56
2.265	55.35	131.63	2.305	56.27	133.29	2.345	57.19	134.95	2.385	58.11	136.61
2.266	55.37	131.67	2.306	56.30	133.33	2.346	57.22	134.99	2.386	58.14	136.65
2.267	55.40	131.71	2.307	56.32	133.37	2.347	57.24	135.03	2.387	58.16	136.69
2.268	55.42	131.76	2.308	56.34	133.42	2.348	57.26	135.07	2.388	58.18	136.73
2.269	55.44	131.80	2.309	56.37	133.46	2.349	57.29	135.12	2.389	58.21	136.77
2.270	55.47	131.84	2.310	56.39	133.50	2.350	57.31	135.16	2.390	58.24	136.81
2.271	55.49	131.88	2.311	56.41	133.54	2.351	57.33	135.20	2.391	58.25	136.85
2.272	55.51	131.92	2.312	56.43	133.58	2.352	57.36	135.24	2.392	58.28	136.90
2.273	55.54	131.96	2.313	56.46	133.62	2.353	57.38	135.28	2.393	58.30	136.94
2.274	55.56	132.00	2.314	56.48	133.66	2.354	57.40	135.32	2.394	58.32	136.98
2.275	55.58	132.05	2.315	56.50	133.71	2.355	57.42	135.36	2.395	58.34	137.02
2.276	55.60	132.09	2.316	56.53	133.75	2.356	57.45	135.41	2.396	58.37	137.06
2.277	55.63	132.13	2.317	56.55	133.79	2.357	57.47	135.45	2.397	58.39	137.10
2.278	55.65	132.17	2.318	56.57	133.83	2.358	57.49	135.49	2.398	58.41	137.14
2.279	55.67	132.21	2.319	56.60	133.87	2.359	57.52	135.53	2.399	58.44	137.16

MV	C	F												
2.400	56.46	137.23	2.440	59.38	138.80	2.480	60.29	140.33	2.520	61.21	142.17	2.400	56.46	137.23
2.401	56.46	137.27	2.441	59.40	138.82	2.481	60.32	140.37	2.521	61.23	142.21	2.401	56.46	137.27
2.402	56.50	137.41	2.442	59.42	138.90	2.482	60.34	140.61	2.522	61.25	142.25	2.402	56.50	137.41
2.403	56.53	137.45	2.443	59.45	139.00	2.483	60.36	140.65	2.523	61.28	142.40	2.403	56.53	137.45
2.404	56.55	137.49	2.444	59.47	139.04	2.484	60.38	140.69	2.524	61.30	142.44	2.404	56.55	137.49
2.405	56.57	137.43	2.445	59.49	139.06	2.485	60.41	140.73	2.525	61.32	142.49	2.405	56.57	137.43
2.406	56.60	137.47	2.446	59.51	139.12	2.486	60.43	140.77	2.526	61.34	142.42	2.406	56.60	137.47
2.407	56.62	137.51	2.447	59.54	139.17	2.487	60.45	140.81	2.527	61.37	142.46	2.407	56.62	137.51
2.408	56.64	137.56	2.448	59.56	139.21	2.488	60.46	140.86	2.528	61.39	142.50	2.408	56.64	137.56
2.409	56.67	137.60	2.449	59.58	139.25	2.489	60.50	140.90	2.529	61.41	142.54	2.409	56.67	137.60
2.410	56.69	137.64	2.450	59.61	139.29	2.490	60.52	140.94	2.530	61.44	142.58	2.410	56.69	137.64
2.411	56.71	137.68	2.451	59.63	139.33	2.491	60.54	140.98	2.531	61.46	142.62	2.411	56.71	137.68
2.412	56.73	137.72	2.452	59.65	139.37	2.492	60.57	141.02	2.532	61.48	142.66	2.412	56.73	137.72
2.413	56.76	137.76	2.453	59.67	139.41	2.493	60.59	141.06	2.533	61.50	142.71	2.413	56.76	137.76
2.414	56.78	137.80	2.454	59.70	139.45	2.494	60.61	141.10	2.534	61.53	142.75	2.414	56.78	137.80
2.415	56.80	137.85	2.455	59.72	139.50	2.495	60.64	141.14	2.535	61.55	142.79	2.415	56.80	137.85
2.416	56.83	137.89	2.456	59.74	139.54	2.496	60.66	141.16	2.536	61.57	142.83	2.416	56.83	137.89
2.417	56.85	137.93	2.457	59.77	139.58	2.497	60.68	141.23	2.537	61.59	142.87	2.417	56.85	137.93
2.418	56.87	137.97	2.458	59.79	139.62	2.498	60.70	141.27	2.538	61.62	142.91	2.418	56.87	137.97
2.419	56.89	138.01	2.459	59.81	139.66	2.499	60.73	141.31	2.539	61.64	142.95	2.419	56.89	138.01
2.420	56.92	138.05	2.460	59.83	139.70	2.500	60.75	141.35	2.540	61.66	143.00	2.420	56.92	138.05
2.421	56.94	138.09	2.461	59.86	139.74	2.501	60.77	141.39	2.541	61.69	143.03	2.421	56.94	138.09
2.422	56.96	138.13	2.462	59.88	139.76	2.502	60.80	141.43	2.542	61.71	143.06	2.422	56.96	138.13
2.423	56.99	138.16	2.463	59.90	139.83	2.503	60.82	141.47	2.543	61.73	143.14	2.423	56.99	138.16
2.424	59.01	138.22	2.464	59.93	139.87	2.504	60.84	141.51	2.544	61.75	143.16	2.424	59.01	138.22
2.425	59.03	138.26	2.465	59.95	139.91	2.505	60.86	141.56	2.545	61.78	143.20	2.425	59.03	138.26
2.426	59.06	138.30	2.466	59.97	139.95	2.506	60.88	141.60	2.546	61.80	143.24	2.426	59.06	138.30
2.427	59.08	138.34	2.467	59.99	139.99	2.507	60.91	141.64	2.547	61.82	143.28	2.427	59.08	138.34
2.428	59.10	138.38	2.468	60.02	140.03	2.508	60.93	141.66	2.548	61.85	143.32	2.428	59.10	138.38
2.429	59.12	138.42	2.469	60.04	140.07	2.509	60.96	141.72	2.549	61.87	143.36	2.429	59.12	138.42
2.430	59.15	138.46	2.470	60.06	140.11	2.510	60.98	141.76	2.550	61.89	143.40	2.430	59.15	138.46
2.431	59.17	138.51	2.471	60.09	140.10	2.511	61.00	141.80	2.551	61.91	143.43	2.431	59.17	138.51
2.432	59.19	138.55	2.472	60.11	140.20	2.512	61.02	141.84	2.552	61.94	143.49	2.432	59.19	138.55
2.433	59.22	138.59	2.473	60.13	140.24	2.513	61.05	141.88	2.553	61.96	143.53	2.433	59.22	138.59
2.434	59.24	138.63	2.474	60.15	140.26	2.514	61.07	141.93	2.554	61.98	143.57	2.434	59.24	138.63
2.435	59.26	138.67	2.475	60.18	140.32	2.515	61.09	141.97	2.555	62.01	143.61	2.435	59.26	138.67
2.436	59.28	138.71	2.476	60.20	140.39	2.516	61.12	142.01	2.556	62.03	143.65	2.436	59.28	138.71
2.437	59.31	138.75	2.477	60.22	140.40	2.517	61.14	142.05	2.557	62.05	143.73	2.437	59.31	138.75
2.438	59.33	138.79	2.478	60.25	140.44	2.518	61.16	142.09	2.558	62.07	143.77	2.438	59.33	138.79
2.439	59.35	138.84	2.479	60.27	140.46	2.519	61.18	142.13	2.559	62.10	143.77	2.439	59.35	138.84

HV	C	F																											
2.560	62.12	145.62	2.600	63.03	145.46	2.640	63.94	147.09	2.680	64.63	146.73	2.620	62.17	145.86	2.661	64.87	146.77	2.660	64.87	146.77	2.660	64.87	146.77	2.660	64.87	146.77	2.660	64.87	146.77
2.561	62.14	145.66	2.601	63.05	145.50	2.641	63.13	147.13	2.681	64.65	146.81	2.621	62.17	145.86	2.662	64.89	146.89	2.662	64.89	146.89	2.662	64.89	146.89	2.662	64.89	146.89	2.662	64.89	146.89
2.562	62.15	145.66	2.602	63.06	145.54	2.642	63.16	147.16	2.682	64.65	146.83	2.622	62.17	145.86	2.663	64.92	146.92	2.663	64.92	146.92	2.663	64.92	146.92	2.663	64.92	146.92	2.663	64.92	146.92
2.563	62.17	145.67	2.603	63.08	145.58	2.643	63.11	147.22	2.683	64.65	146.85	2.623	62.17	145.86	2.664	64.92	146.94	2.664	64.92	146.94	2.664	64.92	146.94	2.664	64.92	146.94	2.664	64.92	146.94
2.564	62.19	145.94	2.603	63.10	145.58	2.643	63.11	147.22	2.683	64.65	146.85	2.624	62.17	145.86	2.664	64.92	146.94	2.664	64.92	146.94	2.664	64.92	146.94	2.664	64.92	146.94	2.664	64.92	146.94
2.565	62.21	143.96	2.604	63.12	145.62	2.644	63.13	147.26	2.684	64.65	146.89	2.625	62.17	145.86	2.665	64.92	146.95	2.665	64.92	146.95	2.665	64.92	146.95	2.665	64.92	146.95	2.665	64.92	146.95
2.566	62.23	144.02	2.605	63.14	145.66	2.645	63.15	147.30	2.685	64.65	146.95	2.626	62.17	145.70	2.666	64.92	146.97	2.666	64.92	146.97	2.666	64.92	146.97	2.666	64.92	146.97	2.666	64.92	146.97
2.567	62.26	144.06	2.606	63.17	145.71	2.647	63.17	147.34	2.687	64.65	146.99	2.627	62.17	145.74	2.667	64.92	147.00	2.667	64.92	147.00	2.667	64.92	147.00	2.667	64.92	147.00	2.667	64.92	147.00
2.568	62.28	144.10	2.607	63.19	145.74	2.647	63.19	147.38	2.687	64.65	146.99	2.628	62.17	145.78	2.668	64.92	147.02	2.668	64.92	147.02	2.668	64.92	147.02	2.668	64.92	147.02	2.668	64.92	147.02
2.569	62.30	144.14	2.608	63.21	145.78	2.648	63.21	147.42	2.688	64.65	146.99	2.629	62.17	145.82	2.669	64.92	147.06	2.669	64.92	147.06	2.669	64.92	147.06	2.669	64.92	147.06	2.669	64.92	147.06
2.569	62.32	144.18	2.609	63.24	145.82	2.649	63.24	147.46	2.689	64.65	146.99	2.630	62.17	145.86	2.670	64.92	147.06	2.670	64.92	147.06	2.670	64.92	147.06	2.670	64.92	147.06	2.670	64.92	147.06
2.570	62.35	144.23	2.610	63.26	145.91	2.650	63.26	147.50	2.690	64.67	147.14	2.631	62.17	145.91	2.671	64.92	147.54	2.671	64.92	147.54	2.671	64.92	147.54	2.671	64.92	147.54	2.671	64.92	147.54
2.571	62.37	144.27	2.611	63.28	145.91	2.651	63.28	147.56	2.691	64.67	147.22	2.632	62.17	145.93	2.672	64.92	147.62	2.672	64.92	147.62	2.672	64.92	147.62	2.672	64.92	147.62	2.672	64.92	147.62
2.572	62.39	144.31	2.612	63.30	145.93	2.652	63.30	147.62	2.692	64.67	147.26	2.633	62.17	145.93	2.673	64.92	147.66	2.673	64.92	147.66	2.673	64.92	147.66	2.673	64.92	147.66	2.673	64.92	147.66
2.573	62.42	144.35	2.613	63.33	145.93	2.653	63.33	147.66	2.693	64.67	147.30	2.634	62.17	145.93	2.674	64.92	147.70	2.674	64.92	147.70	2.674	64.92	147.70	2.674	64.92	147.70	2.674	64.92	147.70
2.574	62.44	144.39	2.614	63.35	145.97	2.654	63.35	147.67	2.694	64.67	147.32	2.635	62.17	145.97	2.675	64.92	147.72	2.675	64.92	147.72	2.675	64.92	147.72	2.675	64.92	147.72	2.675	64.92	147.72
2.575	62.46	144.43	2.615	63.37	145.97	2.655	63.37	147.71	2.695	64.67	147.36	2.636	62.17	145.97	2.676	64.92	147.76	2.676	64.92	147.76	2.676	64.92	147.76	2.676	64.92	147.76	2.676	64.92	147.76
2.576	62.48	144.47	2.616	63.39	146.01	2.656	63.39	147.75	2.696	64.67	147.38	2.637	62.17	146.01	2.677	64.92	147.79	2.677	64.92	147.79	2.677	64.92	147.79	2.677	64.92	147.79	2.677	64.92	147.79
2.577	62.51	144.51	2.617	63.42	146.03	2.657	63.42	147.81	2.697	64.67	147.42	2.638	62.17	146.03	2.678	64.92	147.83	2.678	64.92	147.83	2.678	64.92	147.83	2.678	64.92	147.83	2.678	64.92	147.83
2.578	62.53	144.55	2.618	63.44	146.07	2.658	63.44	147.85	2.698	64.67	147.46	2.639	62.17	146.07	2.679	64.92	147.87	2.679	64.92	147.87	2.679	64.92	147.87	2.679	64.92	147.87	2.679	64.92	147.87
2.579	62.55	144.59	2.619	63.46	146.23	2.659	63.46	147.89	2.699	64.67	147.48	2.640	62.17	146.09	2.680	64.92	147.91	2.680	64.92	147.91	2.680	64.92	147.91	2.680	64.92	147.91	2.680	64.92	147.91
2.580	62.58	144.64	2.620	63.49	146.27	2.660	63.49	147.95	2.700	64.67	147.52	2.661	62.17	146.13	2.681	64.92	147.95	2.701	64.92	147.95	2.701	64.92	147.95	2.701	64.92	147.95	2.701	64.92	147.95
2.581	62.60	144.66	2.621	63.51	146.32	2.661	63.51	147.98	2.701	64.67	147.55	2.662	62.17	146.15	2.682	64.92	147.99	2.702	64.92	147.99	2.702	64.92	147.99	2.702	64.92	147.99	2.702	64.92	147.99
2.582	62.62	144.72	2.622	63.53	146.36	2.662	63.53	148.02	2.702	64.67	147.57	2.663	62.17	146.17	2.683	64.92	148.02	2.703	64.92	148.02	2.703	64.92	148.02	2.703	64.92	148.02	2.703	64.92	148.02
2.583	62.64	144.76	2.623	63.55	146.40	2.663	63.55	148.06	2.703	64.67	147.60	2.664	62.17	146.20	2.684	64.92	148.06	2.704	64.92	148.06	2.704	64.92	148.06	2.704	64.92	148.06	2.704	64.92	148.06
2.584	62.66	144.80	2.624	63.56	146.44	2.664	63.56	148.10	2.704	64.67	147.64	2.665	62.17	146.24	2.685	64.92	148.10	2.705	64.92	148.10	2.705	64.92	148.10	2.705	64.92	148.10	2.705	64.92	148.10
2.585	62.69	144.84	2.625	63.60	146.49	2.665	63.60	148.14	2.705	64.67	147.68	2.666	62.17	146.28	2.686	64.92	148.14	2.706	64.92	148.14	2.706	64.92	148.14	2.706	64.92	148.14	2.706	64.92	148.14
2.586	62.71	144.86	2.626	63.62	146.54	2.666	63.62	148.18	2.706	64.67	147.72	2.667	62.17	146.32	2.687	64.92	148.18	2.707	64.92	148.18	2.707	64.92	148.18	2.707	64.92	148.18	2.707	64.92	148.18
2.587	62.73	144.92	2.627	63.65	146.59	2.667	63.65	148.22	2.707	64.67	147.76	2.668	62.17	146.36	2.688	64.92	148.22	2.708	64.92	148.22	2.708	64.92	148.22	2.708	64.92	148.22	2.708	64.92	148.22
2.588	62.76	144.96	2.628	63.67	146.62	2.668	63.67	148.26	2.708	64.67	147.80	2.669	62.17	146.40	2.689	64.92	148.26	2.709	64.92	148.26	2.709	64.92	148.26	2.709	64.92	148.26	2.709	64.92	148.26
2.589	62.78	145.00	2.629	63.71	146.66	2.669	63.71	148.30	2.709	64.67	147.84	2.670	62.17	146.44	2.690	64.92	148.32	2.710	64.92	148.32	2.710	64.92	148.32	2.710	64.92	148.32	2.710	64.92	148.32
2.590	62.80	145.05	2.631	63.74	146.70	2.671	63.74	148.34	2.710	64.67	147.88	2.672	62.17	146.50	2.691	64.92	148.36	2.711	64.92	148.36	2.711	64.92	148.36	2.711	64.92	148.36	2.711	64.92	148.36
2.591	62.83	145.10	2.632	63.76	146.74	2.672	63.76	148.38	2.711	64.67	147.92	2.673	62.17	146.54	2.692	64.92	148.40	2.712	64.92	148.40	2.712	64.92	148.40	2.712	64.92	148.40	2.712	64.92	148.40
2.592	62.85	145.13	2.633	63.78	146.78	2.673	63.78	148.42	2.712	64.67	147.96	2.674	62.17	146.58	2.693	64.92	148.44	2.713	64.92	148.44	2.713	64.92	148.44	2.713	64.92	148.44	2.713	64.92	148.44
2.593	62.87	145.17	2.633	63.80	146.82	2.674	63.80	148.46	2.713	64.67	148.00	2.675	62.17	146.62	2.694	64.92	148.52	2.714	64.92	148.52	2.714	64.92	148.52	2.714	64.92	148.52	2.714	64.92	148.52
2.594	62.89	145.21	2.634	63.82	146.85	2.675	63.82	148.50	2.714	64.67	148.04	2.676	62.17	146.66	2.695	64.92	148.56	2.715	64.92	148.56	2.715	64.92	148.56	2.715	64.92	148.56	2.715	64.92	148.56
2.595	62.92	145.25	2.635	63.83	146.88	2.676	63.83	148.54	2.715	64.67	148.08	2.677	62.17	146.70	2.696	64.92	148.60	2.716	64.92	148.60	2.716	64.92	148.60	2.716	64.92	148.60	2.716	64.92	148.60
2.596	62.94	145.29	2.636	63.85	146.90	2.676	63.85	148.58	2.716	64.67	148.12	2.677	62.17	146.74	2.697	64.92	148.64	2.717	64.92										

2.720	65.76	150.56	2.760	60.66	151.99	2.800	67.57	153.62	2.840	66.47	155.24				
2.721	65.78	150.40	2.761	60.68	152.03	2.801	67.59	153.66	2.841	66.49	155.26				
2.722	65.80	150.44	2.762	60.71	152.07	2.802	67.61	153.70	2.842	66.51	155.34				
2.723	65.82	150.48	2.763	60.74	152.11	2.803	67.64	153.74	2.843	66.54	155.36				
2.724	65.85	150.52	2.764	60.75	152.15	2.804	67.66	153.78	2.844	66.56	155.40				
2.725	65.87	150.56	2.765	60.77	152.19	2.805	67.68	153.82	2.845	66.58	155.44				
2.726	65.89	150.61	2.766	60.80	152.23	2.806	67.70	153.86	2.846	66.60	155.48				
2.727	65.91	150.65	2.767	60.82	152.28	2.807	67.72	153.90	2.847	66.63	155.52				
2.728	65.94	150.69	2.768	60.84	152.32	2.808	67.75	153.94	2.848	66.65	155.54				
2.729	65.96	150.73	2.769	60.86	152.36	2.809	67.77	153.98	2.849	66.67	155.56				
2.730	65.98	150.77	2.770	60.89	152.40	2.810	67.79	154.02	2.850	66.69	155.60				
2.731	66.01	150.81	2.771	60.91	152.44	2.811	67.81	154.06	2.851	66.72	155.64				
2.732	66.03	150.85	2.772	60.93	152.48	2.812	67.84	154.10	2.852	66.74	155.73				
2.733	66.05	150.89	2.773	60.96	152.52	2.813	67.86	154.15	2.853	66.76	155.77				
2.734	66.07	150.93	2.774	60.98	152.56	2.814	67.88	154.19	2.854	66.78	155.81				
2.735	66.10	150.97	2.775	61.00	152.60	2.815	67.90	154.23	2.855	66.81	155.85				
2.736	66.12	151.01	2.776	61.02	152.64	2.816	67.93	154.27	2.856	66.83	155.89				
2.737	66.14	151.05	2.777	61.05	152.68	2.817	67.95	154.31	2.857	66.85	155.93				
2.738	66.16	151.09	2.778	61.07	152.72	2.818	67.97	154.35	2.858	66.87	155.97				
2.739	66.19	151.14	2.779	61.09	152.76	2.819	67.99	154.39	2.859	66.90	156.01				
2.740	66.21	151.18	2.780	61.11	152.80	2.820	68.02	154.43	2.860	66.92	156.05				
2.741	66.23	151.22	2.781	61.14	152.84	2.821	68.04	154.47	2.861	66.94	156.09				
2.742	66.25	151.26	2.782	61.16	152.88	2.822	68.06	154.51	2.862	66.96	156.13				
2.743	66.28	151.30	2.783	61.18	152.93	2.823	68.08	154.55	2.863	66.99	156.17				
2.744	66.30	151.34	2.784	61.20	152.97	2.824	68.11	154.59	2.864	67.01	156.22				
2.745	66.32	151.38	2.785	61.22	153.01	2.825	68.13	154.63	2.865	67.03	156.26				
2.746	66.34	151.42	2.786	61.25	153.05	2.826	68.15	154.67	2.866	67.05	156.30				
2.747	66.37	151.46	2.787	61.27	153.09	2.827	68.17	154.71	2.867	67.08	156.34				
2.748	66.39	151.50	2.788	61.29	153.13	2.828	68.20	154.75	2.868	67.10	156.38				
2.749	66.41	151.54	2.789	61.32	153.17	2.829	68.22	154.80	2.869	67.12	156.42				
2.750	66.44	151.58	2.790	61.34	153.21	2.830	68.24	154.84	2.870	67.14	156.46				
2.751	66.46	151.62	2.791	61.36	153.23	2.831	68.26	154.86	2.871	67.17	156.50				
2.752	66.48	151.66	2.792	61.38	153.27	2.832	68.29	154.92	2.872	67.19	156.54				
2.753	66.50	151.71	2.793	61.41	153.32	2.833	68.31	154.96	2.873	67.21	156.58				
2.754	66.53	151.75	2.794	61.43	153.37	2.834	68.33	155.00	2.874	67.23	156.62				
2.755	66.55	151.79	2.795	61.45	153.41	2.835	68.35	155.04	2.875	67.25	156.66				
2.756	66.57	151.83	2.796	61.47	153.45	2.836	68.36	155.08	2.876	67.26	156.70				
2.757	66.59	151.87	2.797	61.50	153.50	2.837	68.37	155.12	2.877	67.30	156.74				
2.758	66.62	151.91	2.798	61.52	153.54	2.838	68.40	155.16	2.878	67.32	156.78				
2.759	66.64	151.95	2.799	61.54	153.58	2.839	68.45	155.20	2.879	67.35	156.82				

MV	C	F	MV	C	F	MV	C	F	MV	C	F
3.040	72.96	163.53	3.080	73.62	104.62	3.120	74.74	166.24	73.64	166.14	
3.041	72.98	163.57	3.081	73.67	104.67	3.121	74.77	166.26	73.66	166.16	
3.042	73.00	163.61	3.082	73.69	105.01	3.122	74.79	166.62	73.68	166.24	
3.043	73.03	163.45	3.083	73.92	105.52	3.123	74.81	166.66	73.70	166.27	
3.044	73.05	163.49	3.084	73.94	105.54	3.124	74.83	166.70	73.72	166.31	
3.045	73.07	163.53	3.085	73.96	105.14	3.125	74.86	166.74	73.73	166.32	
3.046	73.09	163.57	3.086	73.99	105.16	3.126	74.88	166.76	73.75	166.34	
3.047	73.11	163.61	3.087	74.01	105.44	3.127	74.90	166.82	73.77	166.43	
3.048	73.14	163.65	3.088	74.04	105.46	3.128	74.92	166.86	73.81	166.47	
3.049	73.16	163.69	3.089	74.05	105.50	3.129	74.95	166.90	73.84	166.51	
3.050	73.18	163.73	3.090	74.08	105.54	3.130	74.97	166.94	73.86	166.55	
3.051	73.20	163.77	3.091	74.10	105.56	3.131	74.99	166.96	73.88	166.57	
3.052	73.22	163.81	3.092	74.12	105.42	3.132	75.01	167.02	73.90	166.63	
3.053	73.25	163.85	3.093	74.14	105.40	3.133	75.03	167.06	73.93	166.67	
3.054	73.27	163.89	3.094	74.16	105.20	3.134	75.06	167.10	73.94	166.71	
3.055	73.29	163.93	3.095	74.19	105.34	3.135	75.08	167.14	73.97	166.73	
3.056	73.32	163.97	3.096	74.21	105.36	3.136	75.10	167.16	73.99	166.74	
3.057	73.34	164.01	3.097	74.23	105.04	3.137	75.12	167.22	74.01	166.83	
3.058	73.36	164.05	3.098	74.25	105.00	3.138	75.15	167.26	74.04	166.87	
3.059	73.38	164.09	3.099	74.28	105.00	3.139	75.17	167.30	74.07	166.91	
3.060	73.41	164.13	3.100	74.30	105.74	3.140	75.19	167.34	74.10	166.92	
3.061	73.43	164.17	3.101	74.32	105.76	3.141	75.21	167.36	74.12	166.93	
3.062	73.45	164.21	3.102	74.34	105.82	3.142	75.24	167.42	74.15	166.93	
3.063	73.47	164.25	3.103	74.37	105.86	3.143	75.26	167.46	74.18	166.97	
3.064	73.49	164.29	3.104	74.39	105.90	3.144	75.28	167.50	74.18	166.98	
3.065	73.52	164.33	3.105	74.41	105.94	3.145	75.30	167.54	74.19	166.98	
3.066	73.54	164.37	3.106	74.43	105.90	3.146	75.32	167.58	74.21	166.99	
3.067	73.56	164.41	3.107	74.45	106.02	3.147	75.35	167.62	74.24	167.02	
3.068	73.58	164.45	3.108	74.48	106.00	3.148	75.37	167.66	74.26	167.02	
3.069	73.61	164.49	3.109	74.50	106.10	3.149	75.39	167.70	74.28	167.04	
3.070	73.63	164.53	3.110	74.54	106.14	3.150	75.41	167.74	74.30	167.05	
3.071	73.65	164.57	3.111	74.54	106.16	3.151	75.44	167.78	74.33	167.09	
3.072	73.67	164.61	3.112	74.57	106.24	3.152	75.46	167.82	74.35	167.11	
3.073	73.70	164.65	3.113	74.59	106.20	3.153	75.48	167.86	74.37	167.14	
3.074	73.72	164.69	3.114	74.61	106.30	3.154	75.50	167.90	74.39	167.16	
3.075	73.74	164.73	3.115	74.63	106.34	3.155	75.52	167.94	74.41	167.19	
3.076	73.76	164.77	3.116	74.66	106.36	3.156	75.55	167.98	74.44	167.24	
3.077	73.79	164.81	3.117	74.68	106.42	3.157	75.57	168.02	74.46	167.26	
3.078	73.81	164.85	3.118	74.70	106.40	3.158	75.59	168.06	74.48	167.27	
3.079	73.83	164.89	3.119	74.72	106.50	3.159	75.61	168.10	74.51	167.29	

J-210	76.53	169.75	J-240	77.41	171.35	J-260	78.50	172.94	J-320	79.19	174.54	J-320	79.21	174.26	J-320
J-211	76.55	169.79	J-241	77.44	171.38	J-261	78.52	172.98	J-321	79.21	174.56	J-321	79.22	174.62	J-321
J-212	76.57	169.83	J-242	77.46	171.42	J-262	78.55	173.02	J-322	79.23	174.63	J-322	79.23	174.63	J-322
J-213	76.59	169.87	J-243	77.48	171.44	J-263	78.57	173.06	J-323	79.25	174.66	J-323	79.25	174.66	J-323
J-214	76.61	169.91	J-244	77.50	171.51	J-264	78.59	173.10	J-324	79.28	174.70	J-324	79.28	174.70	J-324
J-215	76.64	169.95	J-245	77.53	171.55	J-265	78.61	173.14	J-325	79.30	174.74	J-325	79.30	174.74	J-325
J-216	76.66	169.99	J-246	77.55	171.59	J-266	78.63	173.18	J-326	79.32	174.76	J-326	79.32	174.76	J-326
J-217	76.68	170.03	J-247	77.57	171.63	J-267	78.66	173.22	J-327	79.34	174.82	J-327	79.34	174.82	J-327
J-218	76.70	170.07	J-248	77.59	171.67	J-268	78.68	173.26	J-328	79.36	174.86	J-328	79.36	174.86	J-328
J-219	76.73	170.11	J-249	77.61	171.71	J-269	78.70	173.30	J-329	79.39	174.90	J-329	79.39	174.90	J-329
J-210	76.75	170.15	J-250	77.64	171.72	J-290	78.52	173.34	J-330	79.41	174.94	J-330	79.41	174.94	J-330
J-211	76.77	170.19	J-251	77.66	171.74	J-291	78.55	173.38	J-331	79.43	174.97	J-331	79.43	174.97	J-331
J-212	76.79	170.23	J-252	77.68	171.62	J-292	78.57	173.42	J-332	79.45	175.01	J-332	79.45	175.01	J-332
J-213	76.81	170.27	J-253	77.70	171.66	J-293	78.59	173.46	J-333	79.47	175.03	J-333	79.47	175.03	J-333
J-214	76.84	170.31	J-254	77.72	171.69	J-294	78.61	173.50	J-334	79.50	175.09	J-334	79.50	175.09	J-334
J-215	76.86	170.35	J-255	77.75	171.74	J-295	78.63	173.54	J-335	79.52	175.13	J-335	79.52	175.13	J-335
J-216	76.88	170.39	J-256	77.77	171.78	J-296	78.66	173.58	J-336	79.54	175.17	J-336	79.54	175.17	J-336
J-217	76.90	170.43	J-257	77.79	172.02	J-297	78.68	173.62	J-337	79.56	175.21	J-337	79.56	175.21	J-337
J-218	76.93	170.47	J-258	77.81	172.06	J-298	78.70	173.66	J-338	79.59	175.23	J-338	79.59	175.23	J-338
J-219	76.95	170.51	J-259	77.84	172.10	J-299	78.72	173.70	J-339	79.61	175.29	J-339	79.61	175.29	J-339
J-220	76.97	170.55	J-260	77.86	172.14	J-300	78.74	173.74	J-340	79.63	175.33	J-340	79.63	175.33	J-340
J-221	76.99	170.59	J-261	77.88	172.18	J-301	78.77	173.78	J-341	79.65	175.35	J-341	79.65	175.35	J-341
J-222	77.01	170.63	J-262	77.90	172.22	J-302	78.79	173.82	J-342	79.67	175.41	J-342	79.67	175.41	J-342
J-223	77.04	170.67	J-263	77.92	172.26	J-303	78.81	173.86	J-343	79.69	175.49	J-343	79.69	175.49	J-343
J-224	77.06	170.71	J-264	77.95	172.30	J-304	78.83	173.90	J-344	79.72	175.53	J-344	79.72	175.53	J-344
J-225	77.08	170.75	J-265	77.97	172.34	J-305	78.86	173.94	J-345	79.74	175.57	J-345	79.74	175.57	J-345
J-226	77.10	170.79	J-266	77.99	172.38	J-306	78.88	173.98	J-346	79.76	175.61	J-346	79.76	175.61	J-346
J-227	77.13	170.83	J-267	78.01	172.42	J-307	78.90	174.02	J-347	79.78	175.64	J-347	79.78	175.64	J-347
J-228	77.15	170.87	J-268	78.04	172.46	J-308	78.92	174.06	J-348	79.81	175.69	J-348	79.81	175.69	J-348
J-229	77.17	170.91	J-269	78.06	172.50	J-309	78.94	174.10	J-349	79.83	175.73	J-349	79.83	175.73	J-349
J-230	77.19	170.95	J-270	78.08	172.54	J-310	78.97	174.14	J-350	79.85	175.75	J-350	79.85	175.75	J-350
J-231	77.21	170.99	J-271	78.10	172.58	J-311	78.99	174.18	J-351	79.87	175.77	J-351	79.87	175.77	J-351
J-232	77.24	171.03	J-272	78.12	172.62	J-312	79.01	174.22	J-352	79.89	175.81	J-352	79.89	175.81	J-352
J-233	77.26	171.07	J-273	78.15	172.66	J-313	79.03	174.26	J-353	79.92	175.85	J-353	79.92	175.85	J-353
J-234	77.28	171.11	J-274	78.17	172.70	J-314	79.05	174.30	J-354	79.94	175.89	J-354	79.94	175.89	J-354
J-235	77.30	171.15	J-275	78.19	172.74	J-315	79.08	174.34	J-355	79.96	175.93	J-355	79.96	175.93	J-355
J-236	77.33	171.19	J-276	78.21	172.78	J-316	79.10	174.38	J-356	79.98	176.01	J-356	79.98	176.01	J-356
J-237	77.35	171.23	J-277	78.23	172.82	J-317	79.12	174.42	J-357	80.01	176.04	J-357	80.01	176.04	J-357
J-238	77.37	171.27	J-278	78.26	172.86	J-318	79.14	174.46	J-358	80.03	176.09	J-358	80.03	176.09	J-358
J-239	77.39	171.31	J-279	78.28	172.90	J-319	79.16	174.50	J-359	80.05	176.09	J-359	80.05	176.09	J-359

J-360	80.07	176.13	J-400	80.95	177.74	J-440	81.84	179.51	J-480	82.72	180.82	J-490	82.74	180.93	J-491	82.76	180.95
J-361	80.09	176.17	J-401	80.98	177.70	J-441	81.86	179.45	J-481	82.74	180.92	J-492	82.76	180.97	J-493	82.78	180.97
J-362	80.12	176.21	J-402	81.00	177.63	J-442	81.88	179.38	J-482	82.76	180.92	J-493	82.78	180.97	J-494	82.78	180.97
J-363	80.14	176.25	J-403	81.02	177.64	J-443	81.90	179.42	J-483	82.78	180.92	J-495	82.78	180.97	J-496	82.78	180.97
J-364	80.16	176.29	J-404	81.04	177.60	J-444	81.92	179.46	J-484	82.80	181.02	J-496	82.80	181.02	J-497	82.80	181.02
J-365	80.18	176.33	J-405	81.06	177.94	J-445	81.95	179.50	J-485	82.83	181.03	J-497	82.83	181.03	J-498	82.83	181.03
J-366	80.20	176.37	J-406	81.09	177.96	J-446	81.97	179.54	J-486	82.85	181.13	J-498	82.87	181.13	J-499	82.87	181.13
J-367	80.23	176.41	J-407	81.11	178.00	J-447	81.99	179.58	J-487	82.87	181.17	J-499	82.89	181.21	J-500	82.89	181.21
J-368	80.25	176.45	J-408	81.13	178.04	J-448	82.01	179.62	J-488	82.89	181.21	J-499	82.91	181.25	J-500	82.91	181.25
J-369	80.27	176.49	J-409	81.15	178.08	J-449	82.03	179.66	J-489	82.91	181.25	J-499	82.91	181.25	J-500	82.91	181.25
J-370	80.29	176.53	J-410	81.18	178.14	J-450	82.06	179.70	J-490	82.94	181.29	J-499	82.96	181.33	J-500	82.96	181.33
J-371	80.31	176.57	J-411	81.20	178.10	J-451	82.08	179.74	J-491	82.96	181.33	J-499	82.98	181.33	J-500	82.98	181.33
J-372	80.34	176.61	J-412	81.22	178.13	J-452	82.10	179.78	J-492	82.98	181.37	J-499	82.98	181.37	J-500	82.98	181.37
J-373	80.36	176.65	J-413	81.24	178.23	J-453	82.12	179.82	J-493	83.00	181.41	J-499	83.00	181.41	J-500	83.00	181.41
J-374	80.38	176.69	J-414	81.26	178.24	J-454	82.14	179.86	J-494	83.02	181.44	J-499	83.02	181.44	J-500	83.02	181.44
J-375	80.40	176.73	J-415	81.29	178.31	J-455	82.17	179.90	J-495	83.05	181.48	J-499	83.05	181.48	J-500	83.05	181.48
J-376	80.42	176.76	J-416	81.31	178.35	J-456	82.19	179.94	J-496	83.07	181.52	J-499	83.09	181.52	J-500	83.09	181.52
J-377	80.45	176.80	J-417	81.33	178.39	J-457	82.21	179.98	J-497	83.09	181.56	J-499	83.11	181.60	J-500	83.11	181.60
J-378	80.47	176.84	J-418	81.35	178.42	J-458	82.23	180.02	J-498	83.11	181.60	J-499	83.13	181.64	J-500	83.13	181.64
J-379	80.49	176.88	J-419	81.37	178.44	J-459	82.25	180.06	J-499	83.13	181.64	J-499	83.13	181.64	J-500	83.13	181.64
J-380	80.51	176.92	J-420	81.40	178.51	J-460	82.28	180.10	J-500	83.16	181.66	J-501	83.18	181.74	J-502	83.20	181.76
J-381	80.54	176.96	J-421	81.42	178.53	J-461	82.30	180.14	J-501	83.18	181.74	J-502	83.20	181.76	J-503	83.22	181.80
J-382	80.56	177.00	J-422	81.44	178.59	J-462	82.32	180.18	J-502	83.22	181.80	J-503	83.22	181.80	J-504	83.24	181.84
J-383	80.58	177.04	J-423	81.46	178.63	J-463	82.34	180.22	J-503	83.24	181.84	J-505	83.24	181.84	J-506	83.24	181.84
J-384	80.60	177.08	J-424	81.48	178.66	J-464	82.36	180.26	J-504	83.26	181.86	J-505	83.26	181.86	J-506	83.26	181.86
J-385	80.62	177.12	J-425	81.51	178.71	J-465	82.39	180.30	J-505	83.28	181.88	J-506	83.29	181.92	J-507	83.29	181.92
J-386	80.65	177.16	J-426	81.53	178.75	J-466	82.41	180.34	J-506	83.30	181.96	J-507	83.31	181.96	J-508	83.33	182.00
J-387	80.67	177.20	J-427	81.55	178.79	J-467	82.43	180.38	J-507	83.31	182.04	J-508	83.33	182.04	J-509	83.33	182.04
J-388	80.69	177.24	J-428	81.57	178.83	J-468	82.45	180.42	J-508	83.33	182.08	J-509	83.35	182.08	J-510	83.35	182.08
J-389	80.71	177.28	J-429	81.59	178.87	J-469	82.47	180.45	J-509	83.35	182.08	J-510	83.35	182.08	J-511	83.35	182.08
J-390	80.73	177.32	J-430	81.62	178.91	J-470	82.50	180.49	J-510	83.36	182.08	J-511	83.40	182.12	J-512	83.42	182.16
J-391	80.76	177.36	J-431	81.64	178.93	J-471	82.52	180.53	J-511	83.42	182.16	J-512	83.42	182.16	J-513	83.44	182.20
J-392	80.78	177.40	J-432	81.66	178.95	J-472	82.54	180.57	J-512	83.44	182.20	J-513	83.44	182.20	J-514	83.46	182.24
J-393	80.80	177.44	J-433	81.68	179.03	J-473	82.56	180.61	J-513	83.46	182.24	J-514	83.46	182.24	J-515	83.46	182.24
J-394	80.82	177.48	J-434	81.70	179.07	J-474	82.58	180.65	J-514	83.48	182.26	J-515	83.48	182.26	J-516	83.49	182.26
J-395	80.84	177.52	J-435	81.73	179.11	J-475	82.61	180.69	J-515	83.51	182.28	J-516	83.51	182.28	J-517	83.51	182.28
J-396	80.87	177.56	J-436	81.75	179.15	J-476	82.63	180.73	J-516	83.51	182.28	J-517	83.51	182.28	J-518	83.51	182.28
J-397	80.89	177.60	J-437	81.77	179.19	J-477	82.65	180.77	J-517	83.53	182.32	J-518	83.53	182.32	J-519	83.53	182.32
J-398	80.91	177.64	J-438	81.79	179.23	J-478	82.67	180.81	J-518	83.55	182.34	J-519	83.55	182.34	J-520	83.55	182.34
J-399	80.93	177.68	J-439	81.81	179.27	J-479	82.69	180.85	J-519	83.57	182.37	J-520	83.57	182.37	J-521	83.57	182.37

3.520	83.60	182.47	J.560	34.47	184.02	J.590	85.35	185.63	J.640	86.43	187.21	J.641	86.43	187.23	J.642
3.521	83.62	182.51	J.561	84.50	184.09	J.641	85.7	185.67	J.641	86.43	187.23	J.642	86.43	187.23	J.642
3.522	83.64	182.55	J.562	84.52	184.13	J.642	85.39	185.71	J.642	86.27	187.29	J.643	86.27	187.29	J.643
3.523	83.66	182.59	J.563	84.54	184.17	J.643	85.42	185.75	J.643	86.29	187.33	J.644	86.29	187.33	J.644
3.524	83.68	182.63	J.564	84.56	184.21	J.644	85.44	185.79	J.644	86.31	187.36	J.645	86.31	187.36	J.645
3.525	83.71	182.67	J.565	84.58	184.25	J.645	85.46	185.83	J.645	86.34	187.40	J.646	86.34	187.40	J.646
3.526	83.73	182.71	J.566	84.61	184.29	J.646	85.48	185.87	J.646	86.36	187.44	J.647	86.36	187.44	J.647
3.527	83.75	182.75	J.567	84.63	184.33	J.647	85.50	185.91	J.647	86.38	187.46	J.648	86.38	187.46	J.648
3.528	83.77	182.79	J.568	84.65	184.37	J.648	85.52	185.95	J.648	86.40	187.48	J.649	86.40	187.48	J.649
3.529	83.79	182.83	J.569	84.67	184.41	J.649	85.55	185.99	J.649	86.42	187.50	J.650	86.44	187.60	J.650
3.530	83.82	182.87	J.570	84.69	184.45	J.650	85.57	186.03	J.650	86.47	187.64	J.651	86.47	187.64	J.651
3.531	83.84	182.91	J.571	84.72	184.49	J.651	85.59	186.07	J.651	86.49	187.66	J.652	86.49	187.66	J.652
3.532	83.86	182.95	J.572	84.74	184.53	J.652	85.61	186.10	J.652	86.51	187.68	J.653	86.51	187.68	J.653
3.533	83.88	182.99	J.573	84.76	184.57	J.653	85.64	186.14	J.653	86.51	187.74	J.654	86.51	187.74	J.654
3.534	83.90	183.03	J.574	84.78	184.61	J.654	85.66	186.16	J.654	86.53	187.76	J.655	86.53	187.76	J.655
3.535	83.93	183.07	J.575	84.80	184.65	J.655	85.68	186.22	J.655	86.55	187.78	J.656	86.55	187.78	J.656
3.536	83.95	183.11	J.576	84.82	184.68	J.656	85.70	186.26	J.656	86.56	187.84	J.657	86.56	187.84	J.657
3.537	83.97	183.15	J.577	84.85	184.72	J.657	85.72	186.30	J.657	86.57	187.86	J.658	86.57	187.86	J.658
3.538	83.99	183.18	J.578	84.87	184.76	J.658	85.74	186.34	J.658	86.58	187.92	J.659	86.58	187.92	J.659
3.539	84.01	183.22	J.579	84.89	184.80	J.659	85.77	186.38	J.659	86.59	187.95	J.660	86.59	187.95	J.660
3.540	84.04	183.26	J.580	84.91	184.84	J.660	85.79	186.42	J.660	86.60	188.00	J.661	86.60	188.00	J.661
3.541	84.06	183.30	J.581	84.93	184.86	J.661	85.81	186.46	J.661	86.61	188.03	J.662	86.61	188.03	J.662
3.542	84.08	183.34	J.582	84.96	184.90	J.662	85.83	186.50	J.662	86.62	188.07	J.663	86.62	188.07	J.663
3.543	84.10	183.38	J.583	84.98	184.94	J.663	85.85	186.54	J.663	86.64	188.11	J.664	86.64	188.11	J.664
3.544	84.12	183.42	J.584	85.00	185.00	J.664	85.86	186.58	J.664	86.65	188.15	J.665	86.65	188.15	J.665
3.545	84.15	183.46	J.585	85.02	185.04	J.665	85.88	186.62	J.665	86.66	188.19	J.666	86.66	188.19	J.666
3.546	84.17	183.50	J.586	85.04	185.08	J.666	85.92	186.66	J.666	86.68	188.23	J.667	86.68	188.23	J.667
3.547	84.19	183.54	J.587	85.07	185.12	J.667	85.94	186.70	J.667	86.69	188.27	J.668	86.69	188.27	J.668
3.548	84.21	183.58	J.588	85.09	185.16	J.668	85.96	186.73	J.668	86.71	188.31	J.669	86.71	188.31	J.669
3.549	84.23	183.62	J.589	85.11	185.20	J.669	85.99	186.77	J.669	86.73	188.35	J.670	86.73	188.35	J.670
3.550	84.25	183.66	J.590	85.13	185.24	J.670	86.01	186.81	J.670	86.74	188.40	J.671	86.74	188.40	J.671
3.551	84.28	183.70	J.591	85.15	185.26	J.671	86.03	186.85	J.671	86.75	188.43	J.672	86.75	188.43	J.672
3.552	84.30	183.74	J.592	85.18	185.32	J.672	86.05	186.89	J.672	86.77	188.47	J.673	86.77	188.47	J.673
3.553	84.32	183.78	J.593	85.20	185.36	J.673	86.07	186.93	J.673	86.79	188.51	J.674	86.79	188.51	J.674
3.554	84.34	183.82	J.594	85.22	185.39	J.674	86.10	186.97	J.674	86.81	188.54	J.675	86.81	188.54	J.675
3.555	84.36	183.86	J.595	85.24	185.42	J.675	86.12	187.01	J.675	86.83	188.58	J.676	86.83	188.58	J.676
3.556	84.39	183.90	J.596	85.26	185.47	J.676	86.14	187.05	J.676	86.85	188.62	J.677	86.85	188.62	J.677
3.557	84.41	183.94	J.597	85.29	185.51	J.677	86.16	187.09	J.677	86.87	188.66	J.678	86.87	188.66	J.678
3.558	84.43	183.97	J.598	85.31	185.53	J.678	86.18	187.13	J.678	86.89	188.68	J.679	86.89	188.68	J.679
3.559	84.45	184.01	J.599	85.33	185.59	J.679	86.20	187.17	J.679	86.91	188.74	J.680	86.91	188.74	J.680

MV	C	F	MV	C	F	MV	C	F	MV	C	F
J.660	87.10	189.76	J.6720	87.76	189.76	J.6700	88.04	191.92	J.6800	89.74	191.42
J.661	87.12	189.82	J.6721	88.00	190.59	J.6701	88.67	191.96	J.6801	89.04	191.33
J.662	87.14	189.86	J.6722	88.02	190.43	J.6702	88.69	192.00	J.6802	89.06	191.37
J.663	87.17	189.90	J.6723	88.04	190.47	J.6703	88.91	192.04	J.6803	89.08	191.01
J.664	87.19	189.94	J.6724	88.06	190.51	J.6704	88.93	192.08	J.6804	89.08	191.64
J.665	87.21	189.98	J.6725	88.08	190.55	J.6705	88.95	192.12	J.6805	89.02	191.96
J.666	87.23	189.02	J.6726	88.10	190.59	J.6706	88.98	192.16	J.6806	89.05	191.74
J.667	87.25	189.06	J.6727	88.12	190.63	J.6707	89.00	192.20	J.6807	89.07	191.70
J.668	87.26	189.10	J.6728	88.15	190.67	J.6708	89.02	192.23	J.6808	89.09	191.80
J.669	87.30	189.13	J.6729	88.17	190.71	J.6709	89.04	192.27	J.6809	89.11	191.84
J.680	87.32	189.17	J.6730	88.19	190.74	J.6710	89.06	192.31	J.6810	89.12	191.80
J.681	87.34	189.21	J.6731	88.21	190.78	J.6711	89.08	192.35	J.6811	89.14	191.82
J.682	87.36	189.25	J.6732	88.23	190.82	J.6712	89.11	192.39	J.6812	89.16	191.86
J.683	87.38	189.29	J.6733	88.25	190.86	J.6713	89.13	192.43	J.6813	89.18	191.90
J.684	87.41	189.33	J.6734	88.28	190.90	J.6714	89.15	192.47	J.6814	89.22	191.94
J.685	87.43	189.37	J.6735	88.30	190.94	J.6715	89.17	192.51	J.6815	89.24	191.97
J.686	87.45	189.41	J.6736	88.32	190.98	J.6716	89.19	192.55	J.6816	89.26	191.98
J.687	87.47	189.45	J.6737	88.34	191.02	J.6717	89.22	192.59	J.6817	89.28	191.99
J.688	87.49	189.49	J.6738	88.37	191.06	J.6718	89.24	192.63	J.6818	89.31	192.11
J.689	87.52	189.53	J.6739	88.39	191.10	J.6719	89.26	192.67	J.6819	89.33	192.23
J.690	87.54	189.57	J.6740	88.41	191.14	J.6720	89.28	192.70	J.6820	89.35	192.27
J.691	87.56	189.61	J.6741	88.43	191.18	J.6721	89.30	192.74	J.6821	89.37	194.31
J.692	87.58	189.65	J.6742	88.45	191.22	J.6722	89.32	192.78	J.6822	89.39	194.30
J.693	87.60	189.68	J.6743	88.47	191.25	J.6723	89.35	192.82	J.6823	89.42	194.39
J.694	87.62	189.72	J.6744	88.50	191.29	J.6724	89.37	192.86	J.6824	89.44	194.43
J.695	87.65	189.76	J.6745	88.52	191.33	J.6725	89.39	192.90	J.6825	89.47	194.47
J.696	87.67	189.80	J.6746	88.54	191.37	J.6726	89.41	192.94	J.6826	89.48	194.51
J.697	87.69	189.84	J.6747	88.56	191.41	J.6727	89.43	192.98	J.6827	89.50	194.54
J.698	87.71	189.88	J.6748	88.58	191.45	J.6728	89.45	193.02	J.6828	89.52	194.56
J.699	87.73	189.92	J.6749	88.61	191.49	J.6729	89.48	193.06	J.6829	89.53	194.62
J.700	87.76	189.96	J.6750	88.64	191.53	J.6730	89.50	193.10	J.6830	89.55	194.60
J.701	87.78	190.00	J.6751	88.66	191.57	J.6731	89.52	193.14	J.6831	89.59	194.70
J.702	87.80	190.04	J.6752	88.67	191.61	J.6732	89.54	193.17	J.6832	89.41	194.74
J.703	87.82	190.08	J.6753	88.69	191.65	J.6733	89.56	193.21	J.6833	89.43	194.76
J.704	87.84	190.12	J.6754	88.71	191.69	J.6734	89.58	193.25	J.6834	89.45	194.82
J.705	87.86	190.16	J.6755	88.74	191.72	J.6735	89.61	193.29	J.6835	89.48	194.80
J.706	87.88	190.19	J.6756	88.76	191.76	J.6736	89.64	193.33	J.6836	89.50	194.84
J.707	87.91	190.23	J.6757	88.78	191.80	J.6737	89.65	193.37	J.6837	89.52	194.86
J.708	87.93	190.27	J.6758	88.80	191.84	J.6738	89.67	193.41	J.6838	89.54	194.87
J.709	87.95	190.31	J.6759	88.82	191.88	J.6739	89.69	193.45	J.6839	89.55	194.81

	MV	C	F	MV	C	F	MV	C	F	MV	C	F
J.840	90.58	195.05	J.886	91.42	196.01	J.920	92.32	196.18	J.960	93.19	199.73	
J.841	90.61	195.09	J.884	91.47	196.05	J.921	92.34	196.21	J.961	93.21	199.77	
J.842	90.63	195.13	J.882	91.50	196.09	J.922	92.36	196.25	J.962	93.23	199.81	
J.843	90.65	195.17	J.885	91.52	196.73	J.923	92.38	196.29	J.963	93.25	199.83	
J.844	90.67	195.21	J.884	91.54	196.71	J.924	92.41	196.53	J.964	93.27	199.85	
J.845	90.69	195.25	J.885	91.56	196.61	J.925	92.43	196.37	J.965	93.29	199.85	
J.846	90.71	195.29	J.886	91.58	196.63	J.926	92.45	196.41	J.966	93.31	199.87	
J.847	90.74	195.33	J.887	91.60	196.69	J.927	92.47	196.45	J.967	93.34	200.04	
J.848	90.76	195.37	J.888	91.62	196.72	J.928	92.49	196.49	J.968	93.36	200.04	
J.849	90.78	195.40	J.889	91.65	196.77	J.929	92.51	196.53	J.969	93.38	200.06	
J.850	90.80	195.44	J.890	91.67	196.74	J.930	92.54	196.56	J.970	93.40	200.12	
J.851	90.82	195.48	J.891	91.69	196.74	J.931	92.56	196.60	J.971	93.42	200.16	
J.852	90.85	195.52	J.892	91.71	196.76	J.932	92.58	196.64	J.972	93.44	200.20	
J.853	90.87	195.56	J.893	91.73	196.74	J.933	92.60	196.68	J.973	93.47	200.24	
J.854	90.89	195.60	J.894	91.76	196.76	J.934	92.62	196.72	J.974	93.49	200.28	
J.855	90.91	195.64	J.895	91.78	196.78	J.935	92.64	196.76	J.975	93.51	200.32	
J.856	90.93	195.68	J.896	91.80	196.74	J.936	92.67	196.80	J.976	93.53	200.36	
J.857	90.95	195.72	J.897	91.82	196.76	J.937	92.69	196.84	J.977	93.55	200.39	
J.858	90.98	195.75	J.898	91.84	196.74	J.938	92.71	196.88	J.978	93.57	200.43	
J.859	91.00	195.79	J.899	91.86	196.76	J.939	92.73	196.92	J.979	93.60	200.47	
J.860	91.02	195.83	J.900	91.89	196.84	J.940	92.75	196.95	J.980	93.62	200.51	
J.861	91.04	195.87	J.901	91.91	196.84	J.941	92.77	196.99	J.981	93.64	200.55	
J.862	91.06	195.91	J.902	91.94	196.87	J.942	92.80	199.03	J.982	93.66	200.59	
J.863	91.08	195.95	J.903	91.95	196.87	J.943	92.82	199.07	J.983	93.68	200.63	
J.864	91.11	195.99	J.904	91.97	196.89	J.944	92.84	199.11	J.984	93.70	200.67	
J.865	91.14	196.03	J.905	91.99	196.89	J.945	92.86	199.15	J.985	93.73	200.71	
J.866	91.15	196.07	J.906	92.02	196.92	J.946	92.88	199.19	J.986	93.75	200.74	
J.867	91.17	196.11	J.907	92.04	196.97	J.947	92.90	199.23	J.987	93.77	200.78	
J.868	91.19	196.15	J.908	92.06	197.01	J.948	92.93	199.27	J.988	93.79	200.82	
J.869	91.21	196.19	J.909	92.08	197.05	J.949	92.95	199.30	J.989	93.81	200.86	
J.870	91.24	196.22	J.910	92.10	197.04	J.950	92.97	199.34	J.990	93.83	200.89	
J.871	91.26	196.26	J.911	92.12	197.02	J.951	92.99	199.38	J.991	93.85	200.94	
J.872	91.28	196.30	J.912	92.15	197.05	J.952	93.01	199.42	J.992	93.86	200.96	
J.873	91.30	196.34	J.913	92.17	197.00	J.953	93.03	199.46	J.993	93.90	201.02	
J.874	91.32	196.38	J.914	92.19	197.04	J.954	93.06	199.50	J.994	93.92	201.06	
J.875	91.34	196.42	J.915	92.21	197.05	J.955	93.08	199.54	J.995	93.94	201.09	
J.876	91.37	196.46	J.916	92.23	197.06	J.956	93.10	199.58	J.996	93.96	201.13	
J.877	91.39	196.50	J.917	92.25	197.06	J.957	93.12	199.62	J.997	93.98	201.17	
J.878	91.41	196.54	J.918	92.26	197.10	J.958	93.14	199.66	J.998	94.01	201.21	
J.879	91.43	196.58	J.919	92.30	197.14	J.959	93.16	199.69	J.999	94.03	201.25	

